

Michigan Register

Issue No. 4— 2004 (Published March 15, 2004)



GRAPHIC IMAGES IN THE MICHIGAN REGISTER

COVER DRAWING

Michigan State Capitol:

This image, with flags flying to indicate that both chambers of the legislature are in session, may have originated as an etching based on a drawing or a photograph. The artist is unknown. The drawing predates the placement of the statue of Austin T. Blair on the capitol grounds in 1898.

(Michigan State Archives)

PAGE GRAPHICS

Capitol Dome:

The architectural rendering of the Michigan State Capitol's dome is the work of Elijah E. Myers, the building's renowned architect. Myers inked the rendering on linen in late 1871 or early 1872. Myers' fine draftsmanship, the hallmark of his work, is clearly evident.

Because of their size, few architectural renderings of the 19th century have survived. Michigan is fortunate that many of Myers' designs for the Capitol were found in the building's attic in the 1950's. As part of the state's 1987 sesquicentennial celebration, they were conserved and deposited in the Michigan State Archives.

(Michigan State Archives)

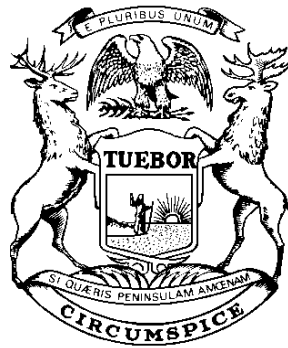
East Elevation of the Michigan State Capitol:

When Myers' drawings were discovered in the 1950's, this view of the Capitol – the one most familiar to Michigan citizens – was missing. During the building's recent restoration (1989-1992), this drawing was commissioned to recreate the architect's original rendering of the east (front) elevation.

(Michigan Capitol Committee)

Michigan Register

Published pursuant to § 24.208 of
The Michigan Compiled Laws



Issue No. 4 — 2004

(This issue, published March 15, 2004, contains
documents filed from February 15, 2004 to March 1, 2004)

Compiled and Published by the
Office of Regulatory Reform

© 2004 by Office of Regulatory Reform, State of Michigan
All rights reserved.
Printed in the United States of America

Michigan Register (ISSN 0892-3124). Published twice per month, with a cumulative index, by the Office of Regulatory Reform, pursuant to §24.208 of the Michigan Compiled Laws. Subscription \$110 per year, postpaid to points in the U.S. First class postage paid at Lansing, Michigan. Direct all mail concerning subscriptions to Office of Regulatory Reform, Department of Management and Budget, 1st Floor Ottawa Building, 611 West Ottawa, Lansing, MI 48909.

Brian D. Devlin, Director, Office of Regulatory Reform; **Deidre O'Berry**, Administrative Assistant for Operations; **James D. Lance**, Administrative Assistant for Publications.

Jennifer M. Granholm, Governor



John D. Cherry Jr., Lieutenant Governor

PREFACE

PUBLICATION AND CONTENTS OF THE MICHIGAN REGISTER

The Office of Regulatory Reform publishes the *Michigan Register*.

While several statutory provisions address the publication and contents of the *Michigan Register*, two are of particular importance.

MCL 24.208 states:

Sec. 8 (1) The office of regulatory reform shall publish the Michigan register at least once each month. The Michigan register shall contain all of the following:

- (a) Executive orders and executive reorganization orders.
 - (b) On a cumulative basis, the numbers and subject matter of the enrolled senate and house bills signed into law by the governor during the calendar year and the corresponding public act numbers.
 - (c) On a cumulative basis, the numbers and subject matter of the enrolled senate and house bills vetoed by the governor during the calendar year.
 - (d) Proposed administrative rules.
 - (e) Notices of public hearings on proposed administrative rules.
 - (f) Administrative rules filed with the secretary of state.
 - (g) Emergency rules filed with the secretary of state.
 - (h) Notice of proposed and adopted agency guidelines.
 - (i) Other official information considered necessary or appropriate by the office of regulatory reform.
 - (j) Attorney general opinions.
 - (k) All of the items listed in section 7(1) after final approval by the certificate of need commission or the statewide health coordinating council under section 22215 or 22217 of the public health code, 1978 PA 368, MCL 333.22215 and 333.22217.
- (2) The office of regulatory reform shall publish a cumulative index for the Michigan register.
 - (3) The Michigan register shall be available for public subscription at a fee reasonably calculated to cover publication and distribution costs.
 - (4) If publication of an agency's proposed rule or guideline or an item described in subsection (1)(k) would be unreasonably expensive or lengthy, the office of regulatory reform may publish a brief synopsis of the proposed rule or guideline or item described in subsection (1)(k), including information on how to obtain a complete copy of the proposed rule or guideline or item described in subsection (1)(k) from the agency at no cost.
 - (5) An agency shall transmit a copy of the proposed rules and notice of public hearing to the office of regulatory reform for publication in the Michigan register.

MCL 4.1203 states:

Sec. 203. (1) The Michigan register fund is created in the state treasury and shall be administered by the office of regulatory reform. The fund shall be expended only as provided in this section.

- (2) The money received from the sale of the Michigan register, along with those amounts paid by state agencies pursuant to section 57 of the administrative procedures act of 1969, 1969 PA 306, MCL 24.257, shall be deposited with the state treasurer and credited to the Michigan register fund.
- (3) The Michigan register fund shall be used to pay the costs preparing, printing, and distributing the Michigan register.
- (4) The department of management and budget shall sell copies of Michigan register at a price determined by the office of regulatory reform not to exceed cost of preparation, printing, and distribution.
- (5) Notwithstanding section 204, beginning January 1, 2001, the office of regulatory reform shall make the text of the Michigan register available to the public on the internet.
- (6) The information described in subsection (5) that is maintained by the office of regulatory reform shall be made available in the shortest feasible time after the information is available. The information described in subsection (5) that is not maintained by the office of regulatory reform shall be made available in the shortest feasible time after it is made available to the office of regulatory reform.
- (7) Subsection (5) does not alter or relinquish any copyright or other proprietary interest or entitlement of this state relating to any of the information made available under subsection (5).
- (8) The office of regulatory reform shall not charge a fee for providing the Michigan register on the internet as provided in subsection (5).
- (9) As used in this section, "Michigan register" means that term as defined in section 5 of the administrative procedures act of 1969, 1969 PA 306, MCL 24.205.

CITATION TO THE MICHIGAN REGISTER

The *Michigan Register* is cited by year and issue number. For example, 2001 MR 1 refers to the year of issue (2001) and the issue number (1).

CLOSING DATES AND PUBLICATION SCHEDULE

The deadlines for submitting documents to the Office of Regulatory Reform for publication in the *Michigan Register* are the first and fifteenth days of each calendar month, unless the submission day falls on a Saturday, Sunday, or legal holiday, in which event the deadline is extended to include the next day which is not a Saturday, Sunday, or legal holiday. Documents filed or received after 5:00 p.m. on the closing date of a filing period will appear in the succeeding issue of the *Michigan Register*.

The Office of Regulatory Reform is not responsible for the editing and proofreading of documents submitted for publication.

Documents submitted for publication should be delivered or mailed in an electronic format to the following address: MICHIGAN REGISTER, Office of Regulatory Reform, Department of Management and Budget, 1st Floor Ottawa Building, 611 West Ottawa, Lansing, MI 48909.

RELATIONSHIP TO THE MICHIGAN ADMINISTRATIVE CODE

The *Michigan Administrative Code* (1979 edition), which contains all permanent administrative rules in effect as of December 1979, was, during the period 1980-83, updated each calendar quarter with the publication of a paperback supplement. An annual supplement contained those permanent rules, which had appeared in the 4 quarterly supplements covering that year.

Quarterly supplements to the Code were discontinued in January 1984, and replaced by the monthly publication of permanent rules and emergency rules in the *Michigan Register*. Annual supplements have included the full text of those permanent rules that appear in the twelve monthly issues of the *Register* during a given calendar year. Emergency rules published in an issue of the *Register* are noted in the annual supplement to the Code.

INTERNET ACCESS

The *Michigan Register* can be viewed free of charge on the Internet web site of the Office of Regulatory Reform: www.michigan.gov/orr

Issue 2000-3 and all subsequent editions of the *Michigan Register* can be viewed on the Office of Regulatory Reform Internet web site. The electronic version of the *Register* can be navigated using the blue highlighted links found in the Contents section. Clicking on a highlighted title will take the reader to related text, clicking on a highlighted header above the text will return the reader to the Contents section.

Brian D. Devlin, Director
Office of Regulatory Reform

2004 PUBLICATION SCHEDULE

Issue No.	Closing Date for Filing or Submission Of Documents (5 p.m.)	Publication Date
1	January 15, 2004	February 1, 2004
2	February 1, 2004	February 15, 2004
3	February 15, 2004	March 1, 2004
4	March 1, 2004	March 15, 2004
5	March 15, 2004	April 1, 2004
6	April 1, 2004	April 15, 2004
7	April 15, 2004	May 1, 2004
8	May 1, 2004	May 15, 2004
9	May 15, 2004	June 1, 2004
10	June 1, 2004	June 15, 2004
11	June 15, 2004	July 1, 2004
12	July 1, 2004	July 15, 2004
13	July 15, 2004	August 1, 2004
14	August 1, 2004	August 15, 2004
15	August 15, 2004	September 1, 2004
16	September 1, 2004	September 15, 2004
17	September 15, 2004	October 1, 2004
18	October 1, 2004	October 15, 2004
19	October 15, 2004	November 1, 2004
20	November 1, 2004	November 15, 2004
21	November 15, 2004	December 1, 2004
22	December 1, 2004	December 15, 2004
23	December 15, 2004	January 1, 2005
24	January 1, 2005	January 15, 2005

CONTENTS

ADMINISTRATIVE RULES FILED WITH SECRETARY OF STATE

Department of Labor and Economic Growth

Bureau of Construction Codes and Fire Safety (ORR # 2001-076)	
Construction Code - Part 8. Electrical Code	2-9

Department of Labor and Economic Growth

Bureau of Construction Codes and Fire Safety (ORR # 2002-063)	
Construction Code - Part 4. Building Code	10-36

Department of Treasury

Michigan Higher Education Assistance Authority (ORR # 2003-011)	
Nursing Scholarship Rules.....	37-39

Department of Labor and Economic Growth

Workers' Compensation Agency (ORR # 2003-031)	
Worker's Compensation Health Care Services	40-63

OPINIONS OF THE ATTORNEY GENERAL

AG Opinion No. 7149	
Children and Minors, Mental Health	65-70

AG Opinion No. 7150	
Fire Authorities, Municipal Emergency Services Act, Ordinances.....	71-74

ENROLLED SENATE AND HOUSE BILLS SIGNED INTO LAW OR VETOED

Table (2004 Session)	76
----------------------------	----

MICHIGAN ADMINISTRATIVE CODE TABLE

Table (2004 Session)	78-79
----------------------------	-------

CUMULATIVE INDEX

Cumulative Index (2004)	80-81
-------------------------------	-------

ADMINISTRATIVE RULES
FILED WITH THE SECRETARY OF STATE

MCL 24.208 states in part:

“Sec. 8. (1) The office of regulatory reform shall publish the Michigan register at least once each month. The Michigan register shall contain all of the following:

* * *

(f) Administrative rules filed with the secretary of state.”

ADMINISTRATIVE RULES

ORR # 2001-076

DEPARTMENT OF LABOR AND ECONOMIC GROWTH

DIRECTOR'S OFFICE

CONSTRUCTION CODE

Filed with the Secretary of State on February 12, 2004.
These rules take effect February 29, 2004

(By authority conferred on the director of the department of labor and economic growth by section 4 of 1972 PA 230, MCL 125.1504, and Executive Reorganization Order Nos. 1996-2 and 2003-18, MCL 445.2001 and 445.2011)

R 408.30801, R 408.30807, R 408.30815, R 408.30817, R 408.30818, R408.30819, R 408.30820, R 408.30822, R 408.30824, R 408.30826, R 408.30827, R 408.30835, R 408.30868, and R 408.30869 of the Michigan Administrative Code are amended and R 408.30808, R 408.30809, R 408.30810, R 408.30811, R 408.30812, R 408.30813, R 408.30814, R 408.30823, R 408.30828, and R 408.30829 are added to the Code and R 408.30816, R 408.30831, R 408.30837, R 408.30843, and R 408.30866 are rescinded as follows:

PART 8. ELECTRICAL CODE

R 408.30801 National electrical code; adoption by reference; inspection; purchase.

Rule 801. The standards contained in the national electrical code, 2002 edition, except sections 80.2, 80.5, 80.7, 80.17, 80.27, 80.29, 80.31, 80.33, 80.35, 90.1, 90.5, and 547.1 to 547.10, as published by the national fire protection association, shall govern the installation, replacement, alteration, relocation, and use of electrical systems or material. With the exceptions noted, the national electrical code is adopted in these rules by reference. Fine print notes contained within the body of the code are not adopted as a part of the code. All references to the ANSI/ASME A17.1-1996, Safety Code for Elevators and Escalators means the Michigan Elevator Code and all references to the National Electrical Code means the Michigan Electrical Code. The code is available for inspection at the Okemos office of the department of labor and economic growth, bureau of construction codes and fire safety. The National Electrical Code may be purchased from the National Fire Protection Association, Batterymarch Park, Quincy, Massachusetts 02269, or from the Michigan Department of Labor and Economic Growth, Bureau of Construction Codes and Fire Safety, 2501 Woodlake Circle, Okemos, Michigan 48864, at a cost as of the time of adoption of these rules of \$60.00 each.

R 408.30807 Title.

Rule 807. Title. These rules shall be known as the Michigan electrical code, hereinafter referred to as "the code."

R 408.30808 Scope.

Rule 808. Section 80.1 of the code is amended and 80.1.1, 80.1.2, and 80.1.3 are added to the code to read as follows:

80.1. Scope. The code regulates the design, installation, maintenance, alteration, and inspection of electrical systems including all wiring, fixtures, appliances, and appurtenances in connection with the utilization of electrical energy, within or on a building, structure, or properties, and including service entrance wiring as defined by the code.

Exception: Electrical wiring and equipment within 1- and 2-family dwellings shall be constructed, installed, and maintained in accordance with the Michigan residential code.

80.1.1. Intent. The purpose of the code is to provide minimum standards to safeguard life or limb, health, property, and public welfare by regulating and controlling the design, construction, installation, quality of materials, location, operation, and maintenance or use of electrical wiring and equipment.

80.1.2. Severability. If a section, subsection, sentence, clause, or phrase of the code is, for any reason, held to be unconstitutional, such decision shall not affect the validity of the remaining portions of the code.

80.1.3. Code conformity required. A person shall not install, alter, maintain, service, or repair, or cause or permit the installation, altering, maintaining, servicing, or repairing of electrical equipment in or on any building, structure, or part thereof, or on any premises, if by the person's action the work does not conform to the provisions of the code.

R 408.30809 Purpose.

Rule 809. Section 80.3 of the code is amended to read as follows:

80.3. Purpose. The purpose of this article shall be to provide requirements for administration and enforcement of the Michigan electrical code.

R 408.30810 Authority.

Rule 810. Section 80.13 of the code is amended to read as follows:

80.13. Authority. Where used in the code, "authority having jurisdiction" means the enforcing agency in accordance with 1972 PA 230, MCL 125.1501 et seq., as defined in R 408.30828. The code shall be administered and enforced by the enforcing agency in accordance with 1972 PA 230, MCL 125.1501 et seq.

R 408.30811 Duties and powers of the code official.

Rule 811. Section 80.14 is added to the code to read as follows:

80.14. Duties and powers of the code official. The code official shall enforce the provisions of the code and shall act on any question relative to the installation, alteration, repair, maintenance, or operation of electrical wiring and equipment, except as otherwise specifically provided for by statute.

R 408.30812 Means of Appeal.

Rule 812. Section 80.15 of the code is amended and 80.15.1 is added to the code to read as follows:

80.15. Means of appeal. A person may appeal a decision of the enforcing agency to the board of appeals. An application for appeal shall be based on a claim that the true intent of the code or the rules governing construction have been incorrectly interpreted, the provisions of the code do not apply, or an equal or better form of construction is proposed. The application shall be filed under section 14 of 1972 PA 230, MCL 125.1501 et seq.

80.15.1. Limitation of authority. The board of appeals shall have no authority relative to interpretation of the administration of the code nor shall such board be empowered to waive requirements of the code.

R 408.30813 Code arrangement.

Rule 813. Section 90.3 of the code is amended to read as follows:

90.3. Code arrangement. The code includes an administration section. Additionally, the code is divided into the introduction and 9 chapters. Chapters 1, 2, 3, and 4 apply generally; chapters 5, 6, and 7 apply to special occupancies, special equipment, or other special conditions. Chapters 5, 6, and 7 supplement or modify the general rules. Chapters 1 to 4 apply except as amended by chapters 5, 6, and 7 for the particular conditions.

Chapter 8 covers communications systems and is not subject to the requirements of chapters 1 to 7 except where the requirements are specifically referenced in chapter 8.

Chapter 9 consists of tables.

Annexes are not part of the requirements of the code but are included for informational purposes only.

R 408.30814 Enforcement.

Rule 814. Sections 90.4 and 90.6 of the code are amended to read as follows:

90.4. Enforcement. The code is intended to be suitable for mandatory application by governmental bodies that exercise legal jurisdiction over electrical installations, including signaling and communications systems. The enforcing agency shall interpret the rules, decide on the approval of equipment and materials, and grant special permission set forth in the rules.

By special permission, the enforcing agency may permit alternative methods where equivalent objectives may be achieved by establishing and maintaining effective safety.

90.6. Formal interpretations. Formal interpretations shall be issued in accordance with 1972 PA 230, MCL 125.1501 et seq.

R 408.30815 Maintenance of existing wiring.

Rule 815. Section 80.18 of the code is added to read as follows:

80.18. Maintenance of existing wiring. Every building, structure, or part thereof shall be kept in good electrical repair by the owner.

R 408.30816 Rescinded.

R 408.30817 Disconnection of dangerous electrical equipment.

Rule 817. Section 80.18.1 is added to the code to read as follows:

80.18.1. Disconnection of dangerous electrical equipment. If the use of any electrical equipment is found imminently dangerous to human life or property, the enforcing agency may condemn the equipment or disconnect it from its source of electric supply, except that the enforcing agency shall not disconnect the service entrance equipment or utility service drop wires unless the entrance equipment or utility wires in themselves constitute a hazard to life or property. If the enforcing agency condemns or disconnects dangerous equipment, then the agency shall place a red tag on the equipment listing the causes for the condemnation or disconnection and the penalty under the act for the unlawful use of the equipment. The agency shall give written notice of the condemnation or disconnection and the causes for condemning or disconnecting the equipment to the owner or the occupant of the building, structure, or premises. A person shall not remove the tag or reconnect the electrical equipment to its source of electric supply, or use or permit the use of electrical current in the electrical equipment, until the causes for the condemnation or disconnection are remedied and a permit for the electrical repairs of the equipment is obtained from the enforcing agency.

R 408.30818 Permits and certificates.

Rule 818. Sections 80.19 of the code is amended and 80.19.1, 80.19.2, 80.19.3, 80.19.4, 80.19.5, 80.19.6, 80.19.7, and 80.19.8 are added to the code to read as follows:

80.19. Permits and certificates. A person shall not equip a building with electrical conductors or equipment or make an alteration of, change in, or addition to, electrical conductors or equipment without receiving a written permit to do the work described. If the electrical installation or alterations of, changes in, or addition to, electrical conductors or equipment are found to be in compliance with the provision of the code and if the work has passed the inspection of the enforcing agency, then the enforcing agency shall, upon the request of the permit holder to whom the permit was issued, issue a certificate of final electrical inspection. The certificate certifies that the provisions of the code have been complied with. This section does not apply to installations that are referred to in section 7(3)(a), (b), (c), (d), (e), (f), (h), (k), (l), or (n) of 1956 PA 217, MCL 338.887(3)(a), (b), (c), (d), (e), (f), (h), (k), (l), or (n).

80.19.1. To whom permits are issued. (1) To obtain an electrical permit, an applicant shall be 1 of the following:

(a) A holder of an electrical contractor license or the qualifying master for the electrical contractor when authorized by the electrical contractor to secure a permit.

(b) A person, firm, or corporation holding an affidavit as provided by R 338.1039a.

(c) A homeowner who occupies or will occupy a single-family dwelling and other accessory structures located on the same lot intended for use by the homeowner for which the permit is obtained and who will install the electrical equipment as certified by the homeowner on the permit application in accordance with section 10(4) of 1972 PA 230, MCL 125.1510(4).

(2) To obtain a permit for a fire alarm system, as defined in section 1a(1) of 1956 PA 217, MCL 338.881a (1), an applicant shall be 1 of the following:

(a) A holder of an electrical contractor license.

(b) A holder of a fire alarm specialty contractor license or the qualifying fire alarm specialty technician qualifying the fire alarm specialty contractor when authorized by the fire alarm specialty contractor to secure a permit.

(c) A homeowner qualifying under section 80.19.1(1)(c) of the code.

(3) To obtain a permit for an electrical sign or outline lighting, as defined in section 1b(1) and (2) of 1956 PA 217, MCL 338.881b(1) and (2), an applicant shall be 1 of the following:

(a) A holder of an electrical contractor license.

(b) A holder of a sign specialty contractor license or the sign specialty technician qualifying the sign specialty contractor when authorized by the sign specialty contractor to secure a permit.

(c) A homeowner qualifying under section 80.19.1(1)(c) of the code.

(4) To obtain a permit for electrical wiring associated with the installation, removal, alteration, or repair of a water well pump on a single-family dwelling to the first point of attachment in the house from the well, an applicant shall be 1 of the following:

(a) A holder of an electrical contractor license.

(b) A registered pump installer under part 127 of 1978 PA 368, MCL 333.12701 to 333.12771.

(c) A homeowner qualifying under section 80.19.1(1)(c) of the code.

(5) To obtain a permit for wiring associated with existing mechanical and plumbing systems referenced in section 7(3)(i) of 1956 PA 217, MCL 338.887(3)(i), a person shall be 1 of the following:

(a) A holder of an electrical contractor license or the qualifying master for the electrical contractor when authorized by the electrical contractor to secure a permit.

(b) A holder of a mechanical contractor license issued in accordance with section 6(3)(a), (b), (d), (e), and (f) of 1984 PA 192, MCL 338.976(3)(a), (b), (d), (e), and (f).

(c) A holder of a plumbing contractor license issued in accordance with 2002 PA 733, MCL 338.3511 et seq.

80.19.2 Application for permit. To obtain an electrical permit, the applicant shall file the application in writing on a form furnished by the enforcing agency for that purpose. The application shall include all of the following:

- (1) A description of the work to be covered by the permit for which application is made.
- (2) Description of the land upon which the work is to take place by legal description, street address, or similar description that will readily identify and definitively locate the proposed building or work.
- (3) Be accompanied by construction documents in accordance with section 80.21 of the code.
- (4) Signature of the applicant.

80.19.3. Permit expiration. If work for which a permit is issued is not started within 6 months of the date of permit issuance or if work is abandoned for a period of 6 months, then the permit shall lapse and cease to be in effect. The enforcing agency shall provide notice of this requirement to the permit holder.

80.19.4. Uncompleted installation notification. If a person to whom a permit is issued for the installation and inspection of electrical conductors and electrical equipment quits the installation for any reason, then the person shall notify the enforcing agency.

80.19.5. Inspection and refunds for partial installation. If an installation is partially completed, then a permit holder, upon quitting the installation, shall notify the enforcing agency and shall request an inspection. The inspector shall record the acceptance of, or violations against, the work installed on the permit record according to the findings of the inspector. The enforcing agency shall not grant a refund to the permit holder of the permit fee covering electrical equipment installed and inspected.

80.19.6. Owner notification to enforcing agency. If a permit holder quits an installation after the electrical equipment is installed and fails to notify the enforcing agency, then the building owner or his or her agent may notify the enforcing agency and request inspection. Upon inspection, the enforcing agency shall send the permit holder a notice of a violation. The owner may then secure another licensed contractor to proceed with the work if the new contractor is properly covered by a permit.

80.19.7. Transfer of permit. An electrical permit is not transferable.

80.19.8. Fraudulent application for permit. A permit that is issued in violation of the laws of this state or as a result of false or fraudulent information or misinterpretation of conditions is subject to revocation at the direction of the enforcing agency. The enforcing agency shall notify the person holding the permit to appear and show cause why the permit should not be revoked. Failure to appear is sufficient grounds for revocation of the permit.

R 408.30819 Plans and specifications.

Rule 819. Section 80.21 of the code is amended and 80.21.1 and 80.21.2 are added to the code to read as follows:

80.21. Plans and specifications. An applicant shall submit a detailed set of plans and specifications with the application for an electrical permit for any wiring or alteration to an electrical system if the system requires installation of electrical equipment that has an ampacity of more than 400 amperes for the service or feeder and if the calculated floor area in a building is more than 3,500 square feet. The enforcing agency may request plans for projects that include an unusual design. The electrical drawings shall include all of the following details:

- (a) Lighting layout.
- (b) Circuiting.
- (c) Switching.
- (d) Conductor and raceway sizes.
- (e) Wattage schedule.
- (f) Service location and riser diagram.
- (g) Load calculations.

(h) A proposed method of construction that is drawn with symbols of a standard form.

All conductors are assumed to be copper unless otherwise stated in the plan. Specifications, when provided, shall also include the information listed in this rule. The selection of suitable disconnect and overcurrent devices to provide proper coordination and interrupting capacity for a wiring system is the responsibility of the designer. The enforcing agency, when approving electrical plans, does not assume responsibility for the design or for any deviations from any electrical drawings. The permit holder shall ensure that the plans and specifications approved by the enforcing agency, or a certified copy of the plans and specifications, where required, are available on the job for the use of the enforcing agency.

80.21.1. Preparation of plans. An architect or engineer shall prepare, or supervise the preparation of, all plans and specifications for new construction work or repair, expansion, addition, or modification work. The architect or engineer shall be licensed under 1980 PA 299, MCL 339.101 et seq. The plans and specifications shall bear the architect's or engineer's signature and seal.

Note: For exceptions, see 1980 PA 299, MCL 339.101 et seq.

80.21.2. Review of construction documents. The enforcing agency shall review the application, construction documents, and other data filed by an applicant for a permit. If the enforcing agency finds that the proposed work conforms to the requirements of the code and related laws and ordinances and that the fees are paid, then the agency shall issue a permit to the applicant.

R 408.30820 Representative on jobsite.

Rule 820. Sections 80.20 and 80.20.1 are added to the code to read as follows:

80.20. Representative on jobsite. The enforcing agency reserves the right to require a representative of the permit holder to be on the job when an inspection is made.

80.20.1. Licensed supervision required. A person who is licensed under 1956 PA 217, MCL 338.881 et seq., and who is employed by and represents the permit holder who is responsible for the electrical installation shall be present at all times when electrical construction is in progress.

R 408.30822 Inspections.

Rule 822. Sections 80.22, 80.22.1 and 80.22.2 are added to the code to read as follows:

80.22. Scheduling inspection. An enforcing agency shall be given not less than 24 hours' notice to inspect electrical equipment. An enforcing agency shall perform the inspection within a reasonable period of time after the request for inspection is made.

80.22.1. Inspection notice. Only the enforcing agency shall post a notice of inspection at, or remove a notice from, the jobsite. The enforcing agency shall maintain a record of all inspections.

80.22.2. Concealing electrical installation. A person shall not conceal, or cause to be concealed, any conductors and equipment before the equipment is approved by the enforcing agency.

R 408.30823 Connection to electricity supply.

Rule 823. Section 80.25 of the code is amended to read as follows:

80.25. Connection to electricity supply. Except where work is done under an annual permit or except as otherwise provided in the code, a person, firm, or corporation shall not make connection to a supply of electricity or to supply electricity to any electric equipment installation for which a permit is required or that has been disconnected or ordered to be disconnected.

R 408.30824 Fees.

Rule 824. Section 80.24 of the code is added to read as follows:

80.24. Fees. The fees prescribed by section 22 of 1972 PA 230, MCL 125.1522, shall be paid to the enforcing agency of the jurisdiction before a permit to begin work for new construction, alteration,

removal, demolition, or other building operation may be issued. In addition, an amendment to a permit necessitating an additional fee shall not be approved until the additional fee is paid.

R408.30826 Violations.

Rule 826. Section 80.23 of the code is amended to read as follows:

80.23. Violations. If it is found that any electrical equipment does not conform to the provisions of the code, then the enforcing agency shall notify, in writing, the person who installs, or who is responsible for installing, the electrical equipment, in accordance with section 12(3) of 1972 PA 230, MCL 125.1512(3), of the defect, misuse, or violation. Violations and penalties shall be as specified in section 23 of 1972 PA 230, MCL 125.1523.

R 408.30827 Service equipment.

Rule 827. Section 80.26 is added to the code to read as follows:

80.26. Service equipment. The enforcing agency shall approve service equipment installed, altered, or repaired before the load side of the meter is energized.

R 408.30828 Definitions.

Rule 828. The definitions of authority having jurisdiction, dwelling unit, dwelling, 1-family, dwelling, 2-family, and dwelling, multifamily in article 100 of the code are amended and the definitions of chief electrical inspector, code official, electrical inspector, and enforcing agency are added to article 100 of the code to read as follows:

"Authority having jurisdiction" where used in the code means the enforcing agency.

"Dwelling unit" means a single unit providing complete independent living facilities for 1 or more persons, including permanent provisions for living, sleeping, eating, cooking, and sanitation.

"Dwelling, 1-family" means a building that consists solely of 1 dwelling unit complying with the provisions of the Michigan residential code.

"Dwelling, 2-family" means a building that consists solely of 2 dwelling units complying with the provisions of the Michigan residential code.

"Dwelling, multifamily" means a building that contains 3 or more dwelling units. Residential occupancies containing more than 2 dwelling units where the occupants are primarily permanent in nature, including all of the following:

1. Apartment houses.
2. Boarding housing, not transient.
3. Convents.
4. Dormitories.
5. Fraternities and sororities.
6. Monasteries.

"Chief electrical inspector" where used in the code means the code official.

"Code official" means a person who is appointed and employed by a governmental subdivision who is charged with the administration and enforcement of the state code or codes, and who is registered in accordance with 1986 PA 54, MCL 338.2301 et seq.

"Electrical inspector" where used in the code means the code official.

"Enforcing agency" means the enforcing agency, in accordance with section 8a or 8b of 1972 PA 230, MCL 125.1501 et seq., which is responsible for administration and enforcement of the code within a governmental subdivision, except for the purposes of section 19 of 1972 PA 230, MCL 125.1501 et seq.

R 408.30829 Approval

Rule 829. Section 110.2 of the code is amended to read as follows:

110.2. Approval. Materials, equipment, and devices shall be constructed and installed in accordance with approvals granted under section 21 of 1972 PA 230, MCL 125.1521, or by the code official.

R 408.30831 Rescinded.

R 408.30835 Grounded and ungrounded conductor sources.

Rule 835. Section 300.3(b) (5) is added to the code to read as follows:

300.3(b)(5). Grounded and ungrounded conductor sources. Grounded and associated ungrounded circuit conductors for 2, 3, or 4-wire circuits shall all originate at the same source in the wiring system. A grounded conductor shall not be used for more than 1 multi-wire branch circuit.

R 408.30837 Rescinded.

R 408.30843 Rescinded.

R 408.30866 Rescinded.

R 408.30868 Grounding of liquidtight flexible metal conduit.

Rule 868. Section 350.13 of the code is amended to read as follows:

350.13. The permit holder shall not use liquidtight flexible metal conduit as a grounding means. If an equipment bonding jumper is required around liquidtight flexible metal conduit, then the permit holder shall install the jumper in accordance with section 250.102 of the code.

R 408.30869 Grounding conductors.

Rule 869. Section 250.118 of the code is amended to read as follows:

250.118. Types of equipment grounding conductors. The equipment grounding conductor run with or enclosing the circuit conductors shall be 1 or more or a combination of the following:

- (1) A copper, aluminum, or copper-clad aluminum conductor. This conductor shall be solid or stranded; insulated, covered, or bare; and, in the form of a wire or a busbar of any shape.
- (2) Rigid metal conduit.
- (3) Intermediate metal conduit.
- (4) Electrical metallic tubing.
- (5) Flexible metallic tubing where the tubing is terminated in fittings listed for grounding and meeting both of the following conditions:
 - (a) The circuit conductors contained in the tubing are protected by overcurrent devices rated at 20 amperes or less.
 - (b) The length of flexible metallic tubing in the ground return path does not exceed 1.8m (6 feet).
- (6) Armor of type AC cable as provided in section 320.108 of the code.
- (7) The copper sheath of mineral-insulated, metal-sheathed cable.
- (8) Type MC cable where listed and identified for grounding in accordance with both of the following:
 - (a) The combined metallic sheath and grounding conductor of interlocked metal tape-type MC cable.
 - (b) The metallic sheath or the combined metallic sheath and grounding conductors of the smooth or corrugated tube type MC cable.
- (9) Cable trays as permitted by sections 392.3(c) and 392.7 of the code.
- (10) Cablebus framework as permitted by section 370.3 of the code.
- (11) Other electrically continuous metal raceways and auxiliary gutters listed for grounding.

ADMINISTRATIVE RULES

ORR # 2002-063

DEPARTMENT OF LABOR AND ECONOMIC GROWTH

DIRECTOR'S OFFICE

CONSTRUCTION CODE

Filed with the Secretary of State on February 12, 2004.

These rules take effect February 29, 2004

(By authority conferred on the director of the department of labor and economic growth by section 4 of 1972 PA 230, MCL 125.1504, and Executive Reorganization Order Nos. 1996-2 and 2003-18, MCL 445.2001 and 445.2011)

R 408.30401, R 408.30404, R 408.30408, R 408.30409, R 408.30410, R 408.30411, R 408.30412, R 408.30415a, R 408.30427, R 408.30429a, R 408.30437, R 408.30443, R 408.30445, R 408.30447, R 408.30448d, R 408.30449, R 408.30458, R 408.30475, R 408.30499, R 408.30503, R 408.30505, R 408.30506, R 408.30508, R 408.30510, R 408.30511, R 408.30512, R 408.30513, R 408.30514, R 408.30515, R 408.30518, R 408.30519, R 408.30520, R 408.30521, R 408.30522, R 408.30524, R 408.30526, R 408.30531, R 408.30534, R 408.30536, and R 408.30537 of the Michigan Administrative Code are amended, R 408.30414, R 408.30416, R 408.30417, R 408.30418, R 408.30419, R 408.30421, R 408.30444, R 408.30539, R 408.30540, R 408.30541, R 408.30542, R 408.30543, R 408.30544, R 408.30545, R 408.30546, and R 408.30547 are added to the Code, and R 408.30406, R 408.30461, R 408.30495a, R 408.30517, and R 408.30523, of the Code are rescinded as follows:

PART 4. BUILDING CODE

R 408.30401 Applicable code.

Rule 401. The provisions of the international building code, 2003 edition, including appendices F, G, and H, except for sections 104.8, 108.2 to 108.6, 112.2, 112.3, 114.3, 415.7.2.2 to 415.7.2.10, 415.7.3.1 to 415.7.3.5.2, table 1608.2, 2902 to 2902.6.2, 3006.5, the definition of "recreational vehicle" in Appendix G, and, IECC-2003, ICC EC-2003, IMC-2003, IPC-2003, IPSDC-2003 listed in chapter 35, and the provisions of the international residential code, 2003 edition, including appendices A, B, C, D, E, F, G, J, K, and L, except for sections R104.8, R108.2, R108.3, R108.4, R108.5, R112.3, N1101 to N1104.1, tables N1101.2, N1102.1, N1102.1.1.1(1), N1102.1.1.1(2), N1102.1.1.2, N1102.4, N1103.1, N1103.5, and N1104.1, sections P2503.8, P2709.2.1, AJ102.4, and IBC-2003, ICC EC-2003, IECC-2003, IMC-2003, IPC-2003, NFPA 70-02 listed in chapter 43 govern the construction, alteration, relocation, demolition, use, and occupancy of buildings and structures, and, with exceptions noted, the international building code and the international residential code are adopted by reference in these rules. All references to the International Building Code, International Residential Code, International Energy Conservation Code, International Electrical Code, International Existing Building Code, International

Mechanical Code, and International Plumbing Code mean the Michigan Building Code, Michigan Residential Code, Michigan Uniform Energy Code, Michigan Electrical Code, Michigan Rehabilitation Code for Existing Buildings, Michigan Mechanical Code, and Michigan Plumbing Code respectively. The codes are available for inspection at the Okemos office of the Michigan Department of Labor & Economic Growth, Bureau of Construction Codes and Fire Safety. The codes may be purchased from the International Code Council, 5203 Leesburg Pike, Suite 600, Falls Church, VA 22041, or from the Michigan Department of Labor & Economic Growth, Bureau of Construction Codes and Fire Safety, 2501 Woodlake Circle, Okemos, Michigan 48864, at a cost as of the time of adoption of these amendatory rules of \$65.00 and \$45.00, respectively.

R 408.30404 Approval.

Rule 404. Section 104.9 of the code is amended to read as follows:

104.9. Approved materials and equipment. Materials, equipment, and devices shall be constructed or installed in accordance with approvals granted under section 21 of 1972 PA 230, MCL 125.1521 or by the building official.

R 408.30406 Rescinded.

R 408.30408 Fees.

Rule 408. Section 108.1 of the code is amended to read as follows:

108.1. Payment of fees. The fees prescribed by section 22 of 1972 PA 230, MCL 125.1522, shall be paid to the enforcing agency of the jurisdiction before a permit to begin work for new construction, alteration, removal, demolition, or other building operation may be issued. In addition, an amendment to a permit necessitating an additional fee shall not be approved until the additional fee has been paid.

R 408.30409 Permit.

Rule 409. Sections 105.1.1, 105.1.2, and 105.2 of the code are amended to read as follows:

105.1.1. Annual permit. In place of an individual permit for each alteration to an already approved electrical, gas, mechanical, or plumbing installation, the enforcing agency is authorized to issue an annual permit upon application therefore to any person, firm, or corporation. The applicant shall be licensed in accordance with the requirements of 1956 PA 217, MCL 338.881 et seq., 1984 PA 192, MCL 338.971 et seq., or 2002 PA 733, MCL 338.3511 et seq.

105.1.2. Annual permit records. The person to whom an annual permit is issued shall keep a detailed record of alterations made under an annual permit. Access to the records shall be provided at all times and the records shall be filed with the enforcing agency.

105.2. Work exempt from permit. Exemptions from permit requirements of the code shall not be deemed to grant authorization for any work to be done in any manner in violation of the provisions of the code or any other laws or ordinances of this jurisdiction. Permits shall not be required for any of the following:

(a) Building permits shall not be required for any of the following:

(i) One-story detached accessory structures used as tool and storage sheds, playhouses and similar uses, provided the floor area does not exceed 120 square feet (11.15m²).

(ii) A fence that is not more than 6 feet (1829 mm) high.

(iii) Oil derricks.

(iv) A retaining wall that is not more than 4 feet (1219 mm) in height measured from the bottom of the footing to the top of the wall, unless supporting a surcharge or impounding class I, II or III-A liquids.

- (v) A water tank supported directly upon grade if the capacity is not more than 5,000 gallons (18 927 L) and the ratio of height to diameter or width is not greater than 2 to 1.
- (vi) A sidewalk or driveway that is not more than 30 inches (762 mm) above grade and is not over any basement or story below and which are not part of an accessible route.
- (vii) Painting, papering, tiling, carpeting, cabinets, counter tops and similar finish work.
- (viii) Temporary motion picture, television and theater stage sets and scenery.
- (ix) Prefabricated swimming pools accessory to a group R-3 occupancy, as applicable in section 101.2, which are less than 24 inches (610 mm) deep, do not exceed 5,000 gallons (19 000 L) and are installed entirely above ground.
- (x) Shade cloth structures constructed for nursery or agricultural purposes and not including service systems.
- (xi) Swings and other playground equipment accessory to 1- and 2-family dwellings.
- (xii) Window awnings supported by an exterior wall which do not project more than 54 inches (1372 mm) from the exterior wall and do not require additional support of group R-3, as applicable in section 101.2 and group U occupancies.
- (xiii) Movable cases, counters, and partitions.
- (b) Electrical permits shall not be required for any of the following:
 - (i) Repairs and maintenance: Minor repair work, including the replacement of lamps or the connection of approved portable electrical equipment to approved permanently installed receptacles.
 - (ii) Radio and television transmitting stations: The provisions of the code do not apply to electrical equipment used for radio and television transmissions, but do apply to equipment and wiring for power supply and to the installation of towers and antennas.
 - (iii) Temporary testing systems: A permit is not required for the installation of any temporary system required for the testing or servicing of electrical equipment or apparatus.
- (c) Mechanical permits shall not be required for any of the following:
 - (i) Portable gas heating appliance.
 - (ii) Replacement of any minor part that does not alter approval of equipment or make the equipment unsafe.
 - (iii) Portable heating appliance.
 - (iv) Portable ventilation equipment.
 - (v) Portable cooling unit.
 - (vi) Steam, hot or chilled water piping within any heating or cooling equipment regulated by the code.
 - (vii) Replacement of any part that does not alter its approval or make it unsafe.
 - (viii) Portable evaporative cooler.
 - (ix) Self-contained portable refrigeration unit that is not more than 1.5 horsepower (1119 W).
- (d) Plumbing permits shall not be required for any of the following:
 - (i) The stopping of leaks in drains, water, soil, waste, or vent pipe. However, if any concealed trap, drainpipe, water, soil, waste, or vent pipe becomes defective and it becomes necessary to remove and replace the drain or pipe with new material, then the work is considered new work and a permit shall be obtained and inspection made as provided in the code.
 - (ii) The clearing of stoppages or the repairing of leaks in pipes, valves, or fixtures, and the removal and reinstallation of water closets, if the repairs do not involve or require the replacement or rearrangement of valves, pipes, or fixtures.

R 408.30410 Violations.

Rule 410. Section 113.4 of the code is amended to read as follows:

113.4. Violation penalties. It is unlawful for any person, firm, or corporation to violate a provision of the code or fail to conform with any of the requirements thereof, or erect, construct, alter, extend, repair, move, remove, demolish, or occupy any building, structure, or equipment regulated by the code, or cause work to be performed or done, in conflict with or in violation of the approved construction documents or directive of the enforcing agency, or a permit or certificate issued under the code. A violator shall be assessed a fine in accordance with section 23 of 1972 PA 230, MCL 125.1523.

R 408.30411 Stop-work order.

Rule 411. Section 114.2 of the code is amended to read as follows:

114.2. Notice to owner. Upon notice from the enforcing agency, work on any building or structure that is being done contrary to the code or in a dangerous or unsafe manner shall immediately cease. Notice shall be in accordance with section 12 of 1972 PA 230, MCL 125.1512. A person who is served with a stop work order, except for work that the person is directed to perform to remove a violation or unsafe condition is subject to the penalty provisions prescribed in section 23 of 1972 PA 230, MCL 125.1523.

R 408.30412 Certificate of use and occupancy.

Rule 412. Section 110.1 of the code is amended to read as follows:

110.1. Use and occupancy. A building or structure shall not be used or occupied, and a change in the existing occupancy classification of a building or structure or portion thereof shall not be made until a certificate of occupancy has been issued in accordance with section 13 of 1972 PA 230, MCL 125.1513.

R 408.30414 Means of Appeal.

Rule 414. Section 112.1 of the code is amended to read as follows:

112.1 Means of appeal. A person may appeal a decision of the enforcing agency to the board of appeals. An application for appeal shall be based on a claim that the true intent of the code or the rules governing construction have been incorrectly interpreted, the provisions of the code do not apply, or an equal or better form of construction is proposed. The application shall be filed in accordance with section 14 of 1972 PA 230, MCL 125.1514.

R 408.30415a Definitions.

Rule 415a. The definitions of building, registered design professional, and structure in section 202 of the code are amended to read as follows:

202. Definitions.

"Building" means a combination of materials, whether portable or fixed, forming a structure affording a facility or shelter for use or occupancy by persons, animals, or property. The term does not include a building incidental to the use for agricultural purposes of the land on which the building is located if it is not used in the business of retail trade. The term shall be construed as though followed by the words "or part or parts of the building and all equipment in the building" unless the context clearly requires a different meaning.

"Building official" means the person who is appointed and employed by a governmental subdivision charged with the administration and enforcement of the state code or codes and who is registered in accordance with the requirements of 1986 PA 54, MCL 338.2301 et seq.

"Registered design professional" means an individual who is licensed under article 20, 1980 PA 299, MCL 339.2001 et seq.

"Structure" means that which is built or constructed, an edifice or building of any kind, or a piece of work artificially built up or composed of parts joined together in some definite manner. Structure does not include a structure incident to the use for agricultural purposes of the land on which the structure is

located and does not include works of heavy civil construction including without limitation any of the following:

- (a) A highway.
- (b) A bridge.
- (c) A dam.
- (d) A reservoir.
- (e) A lock.
- (f) A mine.
- (g) A harbor.
- (h) A dockside port facility.
- (i) An airport landing facility.
- (j) A facility for the generation, or transmission, or distribution of electricity.

Structure shall be construed as though followed by the words "or part or parts of the structure and all equipment in the structure," unless the context clearly indicates otherwise.

R 408.30416 Area and height increases.

Rule 416. Section 406.3.6 of the code is amended to read as follows:

406.3.6. Area and height increases. The allowable area and height of open parking garages shall be increased in accordance with the provisions of this section. Garages with sides open on 3/4 of the building perimeter are permitted to be increased by 25% in area and 1 tier in height. Garages with sides open around the entire building perimeter are permitted to be increased 50% in area and 1 tier in height. For a side to be considered open under the provisions of this rule, the total area of openings along the side shall not be less than 50% of the interior area of the side at each tier, and such openings shall be equally distributed along the length of the tier.

Allowable tier areas in table 406.3.5 shall be increased for open parking garages constructed to heights less than the table maximum. The gross tier area of the garage shall not exceed that permitted for the higher structure. At least 3 sides of each such larger tier shall have continuous horizontal openings not less than 30 inches (762 mm) in clear height extending for at least 80% of the length of the sides, and no part of such larger tier shall be more than 200 feet (60 960mm) horizontally from such an opening. In addition, each such opening shall face a street or yard accessible to a street with a width of at least 30 feet (9144 mm) for the full length of the opening, and standpipes shall be provided in each such tier.

Open parking garages of type II construction, with all sides open, shall be unlimited in allowable area where the height does not exceed 75 feet (22 860 mm). For a side to be considered open, the total area of openings along the side shall not be less than 50% of the interior area of the side at each tier, and such openings shall be equally distributed along the length of the tier. All portions of tiers shall be within 200 feet (60 960 mm) horizontally from such openings.

R 408.30417 High-rise buildings.

Rule 417. Sections 907.2.12 and 907.8.2 of the code are amended to read as follows:

907.2.12. High-rise buildings. Buildings having floors used for human occupancy located more than 55 feet (16 764 mm) above the lowest level of fire department vehicle access shall be provided with an automatic fire alarm system and an emergency voice/alarm communication system in accordance with section 907.2.12.2.

Exceptions:

1. Airport traffic control towers in accordance with sections 412 and 907.2.22.
2. Open parking garages in accordance with section 406.3.
3. Buildings with an occupancy in group A-5.

4. Low-hazard special occupancies in accordance with section 503.1.2.
 5. Buildings with an occupancy in group H-1, H-2, or H-3 in accordance with section 415.
- 907.8.2. High-rise buildings. In buildings used for human occupancy that have floors located more than 55 (16 764 mm) above the lowest level of fire department vehicle access, a separate zone by floor shall be provided for all of the following types of alarm-initiating devices where provided:
1. Smoke detectors.
 2. Sprinkler water-flow devices.
 3. Manual fire alarm boxes.
 4. Other approved types of automatic fire detection devices or suppression systems.

R 408.30418 Maximum floor area allowances per occupant.

Rule 418. Table 1004.1.2 of the code is amended to read as follows:

Table 1004.1.2
MAXIMUM FLOOR AREA ALLOWANCES PER OCCUPANT

OCCUPANCY	FLOOR AREA IN SQ. FT. PER OCCUPANT
Agricultural building	300 gross
Aircraft hangars	500 gross
Airport terminal	
Baggage claim	20 gross
Baggage handling	300 gross
Concourse	100 gross
Waiting areas	15 gross
Assembly	
Gaming floors (keno, slots, etc.)	11 gross
Assembly with fixed seats	See section 1004.7
Assembly without fixed seats	
Concentrated (chairs only-not fixed)	7 net
Standing space	5 net
Unconcentrated (tables and chairs)	15 net
Bowling centers, allow 5 persons for each lane including 15 feet of runway, and for additional areas	7 net
Business areas	100 gross
Courtrooms-other than fixed seating areas	40 net
Dormitories	50 gross
Educational	
Classroom area	20 net
Shops and other vocational room areas	50 net
Locker rooms	15 gross
Exercise rooms	50 gross
H-5 Fabrication and manufacturing areas	200 gross
Industrial areas	100 gross
Institutional areas	
Inpatient treatment areas	240 gross
Outpatient areas	100 gross
Sleeping areas	120 gross
Kitchens, commercial	200 gross
Library	
Reading rooms	50 net
Stack area	100 gross
Locker rooms	50 gross
Mercantile	

Areas on other floors	60 gross
Basement and grade floor areas	30 gross
Storage, stock, shipping areas	300 gross
Parking garages	200 gross
Residential	200 gross
Skating rinks, swimming pools	
Rink and pool	50 gross
Decks	15 gross
Stages and platforms	15 net
Accessory storage areas, mechanical equipment room	300 gross
Warehouses	500 gross

For SI: 1 square foot = 0.0929 m²

R 408.30419 Stadiums.

Rule 419. Section 1008.2.1 of the code is amended to read as follows:

1008.2.1. Stadiums. Panic hardware is not required on gates surrounding stadiums where such gates are under constant immediate supervision while public is present, and further provided that safe dispersal areas based on 3 square feet (0.28 m²) per occupant are located between the fence and enclosed space. Such required safe dispersal areas shall not be located less than 50 feet (15 240 mm) from the enclosed space.

R 408.30421 Emergency escape and rescue.

Rule 421. Section 1025.1 of the code is amended to read as follows:

1025.1 General. In addition to the means of egress required by this chapter, provisions shall be made for emergency escape and rescue in group R as applicable in section 101.2, classrooms greater than 250 feet² (23.2 m²) in group E, and group I-1 occupancies. Basements and sleeping rooms below the fourth story above grade plane shall have at least 1 exterior emergency escape and rescue opening in accordance with this section. Where basements contain 1 or more sleeping rooms, emergency egress and rescue openings shall be required in each sleeping room, but shall not be required in adjoining areas of the basement. Such opening shall open directly into a public street, public alley, yard, or court.

Exceptions:

1. In other than group R-3 occupancies as applicable in section 101.2, buildings equipped throughout with an approved automatic sprinkler system in accordance with section 903.3.1.1 or 903.3.1.2.
2. In other than group R-3 occupancies as applicable in section 101.2, sleeping rooms provided with a door to a fire-resistance-rated corridor having access to 2 remote exits in opposite directions.
3. The emergency escape and rescue opening is permitted to open onto a balcony within an atrium in accordance with the requirements of section 404, provided the balcony provides access to an exit and the dwelling unit or sleeping unit has a means of egress that is not open to the atrium.
4. Basements with a ceiling height of less than 80 inches (2032 mm) shall not be required to have emergency escape and rescue windows.
5. High-rise buildings in accordance with section 403.
6. Emergency escape and rescue openings are not required from basements or sleeping rooms which have an exit door or exit access door that opens directly into a public street, public alley, yard, egress court, or to an exterior exit balcony that opens to a public street, public alley, yard, or egress court.
7. Basements without habitable spaces and having not more than 200 square feet (18.6 square meters) in floor area shall not be required to have emergency escape windows.

R 408.30427 Barrier free design for buildings, structures, and improved areas.

Rule 427. Sections 1101.2 and 1109.7 of the code are amended and section 1103.2.15 is added to the code to read as follows:

1101.2 Design. Buildings and facilities shall be designed and constructed to be accessible in accordance with this code and ICC A 117.1, except sections 611 and 707.

1109.7 Lifts. Platform (wheelchair) lifts are permitted to be a part of a required accessible route in new construction where indicated in items 1 to 7. Platform (wheelchair) lifts shall be installed in accordance with the Michigan elevator code, R 408.8101 to R 408.8695.

1. An accessible route to a performing area and speakers' platforms in occupancies in group A.
2. An accessible route to wheelchair spaces required to comply with the wheelchair space dispersion requirements of sections 1108.2.2 to 1108.2.4.
3. An accessible route to spaces that are not open to the general public with an occupant load of not more than 5.
4. An accessible route within a dwelling or sleeping unit.
5. An accessible route to wheelchair seating spaces located in outdoor dining terraces in A-5 occupancies where the means of egress from the dining terraces to a public way are open to the outdoors.
6. An accessible route to raised judges' benches, clerks' stations, jury boxes, witness stands, and other raised or depressed areas in a court.
7. An accessible route where existing exterior site constraints make use of a ramp or elevator infeasible.

1103.2.15. Military, fire service, and police facilities. Housing, bathing, toilet, training, and storage areas intended for use and occupancy exclusively by military, fire service, police, or security personnel required to be physically agile are not required to be accessible.

R 408.30429a Compliance.

Rule 429a. The code is amended by adding sections 3410.1 and 3410.2 as follows:

3410.1 Compliance. The provisions of this section are intended to maintain or increase the current degree of public safety, health, and general welfare in existing buildings while permitting repair, alteration, addition, and change of occupancy without requiring full compliance with chapters 2 through 33 of the code, or sections 3401.3 through 3407, except where compliance with other provisions of the code is specifically required in this section.

Exception: Buildings made to comply with the provisions of the Michigan rehabilitation code for existing buildings, R 408.30551 to R 408.30577, shall be deemed to comply with the requirements of the code.

3410.2 Applicability. Structures existing before November 6, 1974, in which work involving additions, alterations, or changes of occupancy shall be made to conform to the requirements of this section or the provisions of sections 3402 to 3406 of the code.

The provisions in sections 3410.2.1 to 3410.2.5 of the code shall apply to existing occupancies that will continue to be, or are proposed to be, in groups A, B, E, F, M, R, S, and U. These provisions shall not apply to buildings that have occupancies in group H or I.

R 408.30437 Truss design drawings.

Rule 437. Section 2303.4.1 of the code is amended to read as follows:

2303.4.1 Truss design drawings. Truss construction documents shall be prepared by a registered design professional and shall be provided to the building official and approved prior to installation. These construction documents shall include, at a minimum, the following information. Truss shop drawings shall be provided with the shipment of trusses delivered to the job site.

1. Slope or depth, span and spacing.

2. Location of joints.
3. Required bearing widths.
4. Design loads as applicable.
5. Top chord live load (including snow loads).
6. Top chord dead load.
7. Bottom chord live load.
8. Bottom chord dead load.
9. Concentrated loads and their points of application.
10. Controlling wind and earthquake loads.
11. Adjustments to lumber and metal connector plate design value for conditions of use.
12. Each reaction force and direction.
13. Metal connector plate type, size, thickness or gage, and the dimensioned location of each metal connector plate except where symmetrically located relative to the joint interface.
14. Lumber size, species, and grade for each member.
15. Connection requirements are required for all of the following:
 - a. Truss to truss girder.
 - b. Truss ply to ply.
 - c. Field species.
16. Calculated deflection ratio or maximum deflection for live and total load.
17. Maximum axial compression forces in the truss members to enable the building designer to design the size, connections, and anchorage of the permanent continuous lateral bracing. Forces shall be shown on the truss construction documents or on supplemental documents.
18. Required permanent truss member bracing location.

R 408.30443 Masonry. Rule 443. Section 1405.3.2 of the code is amended to read as follows:

1405.3.2. Masonry. Flashing and weep holes shall be located in the first course of masonry above finished ground level above the foundation wall or slab; at the heads of windows, doors, and other wall openings; at window sills and at other points of support including structural floors, shelf angles, and lintels where anchored veneers are designed in accordance with section 1405.5. Flashing shall extend to, or beyond, the finished face of the wall.

R 408.30444. Water -resistive barrier.

Rule 444. Section 1404.2 of the code is amended to read as follows:

1404.2. Water-resistive barrier. A minimum of 1 layer of No. 15 asphalt felt, complying with ASTM D 226, as listed in chapter 43, for type 1 felt, shall be attached to the studs or sheathing, with flashing as described in section 1405.3, in such a manner as to provide a continuous water-resistive barrier behind the exterior wall veneer.

R 408.30445 Automatic sprinkler systems.

Rule 445. Section 903.2.10.3 of the code is amended to read as follows:

903.2.10.3. Buildings more than 30 feet in height. An automatic sprinkler system shall be installed throughout a building that has a floor level which has an occupant load of 30 or more occupants and which is located 30 feet or more above the lowest level of fire department vehicle access.

Exceptions:

1. Airport control towers.
2. Open parking structures.
3. Occupancies in group F-2.

4. Existing buildings having occupied floor levels not more than 55 feet in height above the lowest level of fire department vehicle access, where the local unit of government complies with the following parameters:

4.1. The local unit of government having a municipal fire department with an ISO rating of 3 or lower, employing a full time career fire fighting staff.

4.2. The governing body of the local unit of government has passed a resolution affirming the use of this exception and filed that resolution with the department of labor & economic growth, bureau of construction codes and fire safety.

R 408.30447 Smokeproof enclosures.

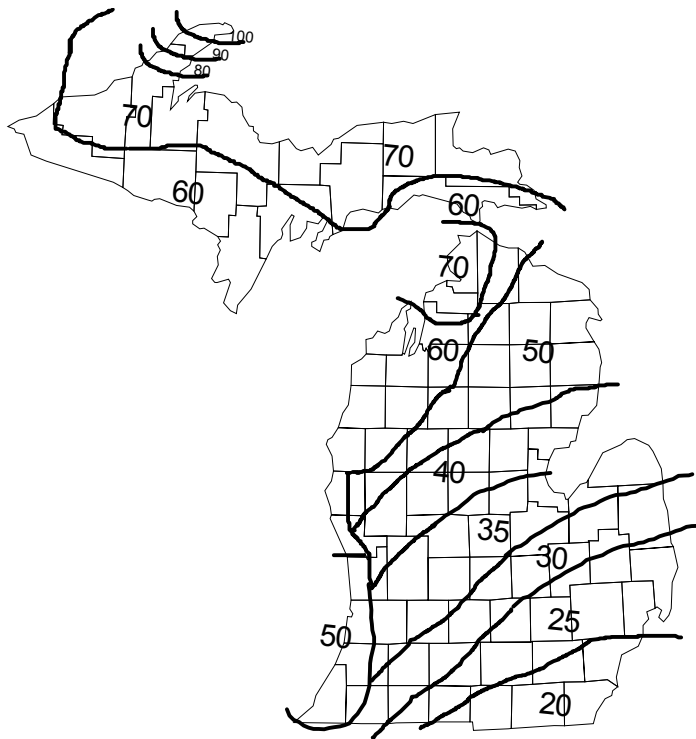
Rule 447. Section 1019.1.8 of the code is amended to read as follows:

1019.1.8. Smokeproof enclosures. In buildings required to comply with section 403 or 405 of the code, each of the exits of a building that serves stories where the floor surface is located more than 55 feet (16,764 mm) above the lowest level of fire department vehicle access or more than 30 feet (9,144 mm) below the level of exit discharge serving such floor levels shall be a smokeproof enclosure or pressurized stairway in accordance with section 909.20 of the code.

R 408.30448d Ground snow loads.

Rule 448d. Figure 1608.2 of the code is amended to read as follows:

FIGURE 1608.2
Ground Snow Loads



R 408.30449 Frost protection.

Rule 449. Section 1805.2.1 of the code is amended to read as follows:

1805.2.1. Frost protection. Except where otherwise protected from frost, foundation walls, piers, and other permanent supports of buildings and structures shall be protected from frost by at least one of the following methods:

1. Extending not less than 42 inches below finish grade.
2. Constructing in accordance with ASCE-32 listed in chapter 35.
3. Erecting on solid rock.

Exceptions:

1. Free-standing buildings meeting all of the following conditions shall not be required to be protected:
 - a. Classified in importance category I (see table 1604.5).
 - b. Area of 400 square feet (37 m²) or less.
 - c. Eave height of 10 feet (3048 mm) or less.
 2. Upon evidence of the existence of any of the following conditions, the building official may modify the footing depth accordingly:
 - a. Freezing temperatures.
 - b. Soil type.
 - c. Groundwater conditions.
 - d. Snow depth experience.
 - e. Exposure to the elements.
 - f. Other specific conditions identified by the building official that may affect the foundation system.
- Footings shall not bear on frozen soil unless such frozen condition is of a permanent character.

R 408.30458 Elevators and conveying systems.

Rule 458. Sections 3001.1, 3001.2, 3001.4, 3002.5, 3002.6, 3003.2, 3004.5, and 3004.6 of the code are amended and sections 3001.2.1 and 3001.2.2 are added to the code to read as follows:

3001.1. Scope. The design, construction, installation, alteration, and repair of elevators and conveying systems and their equipment shall conform with the requirements of the Michigan elevator laws and rules, MCL 408.801 et seq., MCL 338.2151 et seq., and

R 408.8101 to R 408.8695 and this chapter. Installation or construction in flood hazard areas established in section 1612.3 shall comply with ASCE 24 listed in chapter 35.

3001.2. Other devices. Other devices shall conform to the requirements of sections 3001.2.1 and 3001.2.2 of the code.

3001.2.1. Conveyors. Conveyors and related equipment shall conform to the requirements of ASME B20.1 listed in chapter 35.

3001.2.2. Automotive lifts. Automotive lifts shall conform to the requirements of ALI ALCTV listed in chapter 35.

3001.4. Change in use. A change in use of an elevator from freight to passenger, passenger to freight, or from 1 freight class to another freight class shall comply with the requirements of the Michigan elevator code, R 408.8101 to R 408.8695.

3002.5. Emergency doors. Where an elevator is installed in a single blind hoistway or on the outside of a building, there shall be installed in the blind portion of the hoistway or blank face of the building, an emergency door in accordance with the requirements of the Michigan elevator code, R 408.8101 to R 408.8695.

3002.6. Prohibited doors. Doors, other than hoistway doors and the elevator car door, shall be prohibited at the point of access to an elevator car.

3003.2 Fire-fighters' emergency operation. Elevators shall be provided with phase I emergency recall operation and phase II emergency in-car operation in accordance with the requirements of the Michigan elevator code, R 408.8101 to R 408.8695.

3004.5. Plumbing and mechanical systems. Plumbing and mechanical systems shall not be located in an elevator shaft.

Exception: Floor drains, sumps, and sump pumps exclusively for draining the elevator pit shall be permitted at the base of the shaft provided they are indirectly connected to the plumbing system.

3004.6. Construction at bottom of hoistway. Pits extending to the ground shall have noncombustible floors and be designed as to prevent entry of ground water into the pit. The pit floor of any hoistway not extending to the ground shall be of fire-resistive construction having a fire-resistance rating at least equal to that required for the hoistway enclosure.

R 408.30461 Rescinded.

R 408.30475 Existing structures.

Rule 475. Sections 3409.1, 3409.3, 3409.5, 3409.6, and 3409.7.2 of the code are amended to read as follows:

3409.1. Scope. The provisions of sections 3409.2 to 3409.8.5 of the code apply to the maintenance, change of occupancy, additions, and alterations to existing buildings, including those identified as historic buildings in accordance with 1966 PA 1, MCL 125.1351 et seq.

3409.3. Change of occupancy. Unless technically infeasible, section 3409.5 of the code shall be applied in accordance with 1966 PA 1, MCL 125.1351 et seq.

3409.5. Alterations. A building, facility, or element that is altered shall comply with the applicable provisions in chapter 11 of the code and ICC/ANSI A117.1 listed in chapter 35, unless technically infeasible. When compliance with this section is technically infeasible, then the alteration shall provide access to the maximum extent technically feasible.

Exceptions:

1. The altered element or space is not required to be on an accessible route, unless required by section 3409.6 of the code.
2. Accessible means of egress required by chapter 10 of the code are not required to be provided in existing buildings and facilities.
3. Buildings, structures, or improved areas which exist on or before the effective date of these rules and which are in compliance with the code at the time of the issuance of the certificate of occupancy unless the alteration specifically modifies an area covered by sections 3409.6 to 3409.8.5 of the code.

3409.6. Alterations affecting an area containing a primary function. When an alteration affects the accessibility to, or contains an area of primary function, then the route to the primary function area shall be accessible. The accessible route to the primary function shall include accessible toilets and drinking fountains serving the area of the primary function.

Exceptions:

1. The costs of providing the accessible route is not required to exceed 20% of the costs of the alterations affecting the area of primary function.
2. This section does not apply to alterations limited solely to windows, hardware, operating controls, electrical outlets, and signs.
3. This section does not apply to alterations limited solely to mechanical systems, electrical systems, the installation or alteration of fire-protection systems, and the abatement of hazardous materials.
4. This section does not apply to alterations undertaken for the primary purpose of increasing the accessibility of an existing building, facility, or element.

3409.7.2. Elevators. Altered elements of existing elevators shall comply with the Michigan elevator code, R 408.8101 to R 408.8695 and ICC A 117.1. Such elements shall also be altered in elevators programmed to respond to the same hall call control as the altered elevator.

R 408.30495a Rescinded.

R 408.30499 Adoption of standards by reference; referenced codes.

Rule 499. Chapter 35 of the code is amended to add the following referenced codes, which are available from the Michigan Department of Labor & Economic Growth, Bureau of Construction Codes and Fire Safety, 2501 Woodlake Circle, Okemos, Michigan 48864:

(a) Michigan Electrical Code	R 408.30801 et seq., of the Michigan Administrative Code.
(b) Michigan Mechanical Code	R 408.30901a et seq., of the Michigan Administrative Code.
(c) Michigan Plumbing Code	R 408.30701 et seq., of the Michigan Administrative Code.
(d) Michigan Uniform Energy Code	R 408.31061 et seq., of the Michigan Administrative Code.
(d) Michigan Elevator Code	R 408.8101 et seq., of the Michigan Administrative Code.

RESIDENTIAL CODE

R 408.30503 Approved materials and equipment.

Rule 503. Sections R104.9 of the code is amended to read as follows:

R104.9. Approved materials and equipment. Materials, equipment, and devices shall be constructed or installed in accordance with approvals granted under section 21 of 1972 PA 230, MCL 125.1521 or by the building official.

R 408.30505 Work exempt from permit.

Rule 505. Section R105.2 of the code is amended to read as follows:

R105.2. Work exempt from permit. Exemption from the permit requirements of the code shall not be deemed to grant authorization for any work to be done in any manner in violation of the provisions of the code or any other laws or ordinances of this jurisdiction. Permits are not required for any of the following:

- (a) Building permits shall not be required for any of the following:
 - (i) One-story detached accessory structures, if the floor area does not exceed 200 square feet (18.58 m²).
 - (ii) A fence that is not more than 6 feet (1829 mm) high.
 - (iii) A retaining wall that is not more than 4 feet (1219 mm) in height measured from the bottom of the footing to the top of the wall, unless supporting a surcharge.
 - (iv) A water tank supported directly upon grade if the capacity is not more than 5,000 gallons (18 927 L) and the ratio of height to diameter or width is not greater than 2 to 1.
 - (v) A sidewalk or driveway that is not more than 30 inches (762 mm) above adjacent grade and is not over any basement or story below.
 - (vi) Painting, papering, tiling, carpeting, cabinets, counter tops, and similar finish work.
 - (vii) A prefabricated swimming pool that is less than 24 inches (610 mm) deep.
 - (viii) Swings and other playground equipment accessory to a 1- or 2-family dwelling.
 - (ix) Window awnings supported by an exterior wall which do not project more than 54 inches (1372 mm) from the exterior wall and do not require additional support.
- (b) Electrical permits shall not be required for the following;

Repairs and maintenance: A permit is not required for minor repair work, including the replacement of lamps or the connection of approved portable electrical equipment to approved permanently installed receptacles.

(c) Mechanical permits shall not be required for any of the following:

(i) Portable heating, cooking, or clothes drying appliances.

(ii) Replacement of any minor part that does not alter approval of equipment or make the equipment unsafe.

(iii) A portable heating appliance.

(iv) A portable ventilation appliance.

(v) A portable cooling unit.

(vi) Steam, hot or chilled water piping within any heating or cooling equipment regulated by the code.

(vii) Replacement of any minor part that does not alter approval of equipment or make the equipment unsafe.

(viii) A portable evaporative cooler.

(ix) A self-contained portable refrigeration unit that is not more than 1.5 horsepower (1119 W).

(x) Portable fuel cell appliances that are not connected to a fixed piping system and are not interconnected to a power grid.

(xi) Gas piping limited to 10 feet (3048 mm) in length and not more than 6 fittings.

(d) Plumbing permits shall not be required for any of the following:

(i) The stopping of leaks in drains, water, soil, waste or vent pipe; if any concealed trap, drainpipe, water, soil, waste or vent pipe becomes defective and it becomes necessary to remove and replace the same with new material, then the work is considered as new work and a permit shall be obtained and inspection made as provided in the code.

(ii) The clearing of stoppages or the repairing of leaks in pipes, valves, or fixtures, and the removal and reinstallation of water closets, if the repairs do not involve or require the replacement or rearrangement of valves, pipes, or fixtures.

R 408.30506 Submittal documents.

Rule 506. Sections R106.1 and R802.10.1 of the code are amended and section R106.1.4 and figure 802.10.1 are added to the code to read as follows:

R106.1. Submittal documents. Construction documents, special inspection and structural program and other data shall be submitted in 1 or more sets with each application for a permit. The construction documents shall be prepared by or under the direct supervision of a registered design professional when required by article 20 of 1980

PA 299, MCL 339.101 et seq., and known as the Michigan occupational code. Where special conditions exist, the building official is authorized to require additional construction documents to be prepared by a registered design professional.

R106.1.4. Truss design data. As an alternative to the submission of truss design drawings, the truss design data sheet may be provided to the building official as part of the construction documents at the time of application. Truss design drawings shall be submitted to the building official prior to truss installation as required by section R802.10.1.

R802.10.1 Truss design drawings. Truss design drawings, prepared in conformance with section R802.10.1, shall be provided to the building official and approved prior to installation. The truss design data sheet, figure R802.10.1, may be provided to the building official at the time of permit application, as an alternative to design drawings as permitted in section R106.1.4. Truss design drawings shall include, at a minimum, the information specified below. Truss design drawings shall be provided with the shipment of trusses delivered to the jobsite.

1. Slope or depth, span, and spacing.
2. Location of all joints.
3. Required bearing widths.
4. Design loads as applicable.
 - a. Top chord live load (including snow loads).
 - b. Top chord dead load.
 - c. Bottom chord live load.
 - d. Bottom chord dead load.
 - e. Concentrated loads and their points of application.
 - f. Controlling wind and earthquake loads.
5. Adjustments to lumber and joint connector design values for conditions of use.
6. Each reaction force and direction.
7. Joint connector type and description (e.g., size, thickness, or gauge) and the dimensioned location of each joint connector except where symmetrically located relative to the joint interface.
8. Lumber size, species, and grade for each member.
9. Connection requirements for the following:
 - a. Truss to truss girder.
 - b. Truss ply to ply.
 - c. Field splices.
10. Calculated deflection ratio and/or maximum description for live and total load.
11. Maximum axial compression forces in the truss members to enable the building designer to design the size, connections, and anchorage of the permanent continuous lateral bracing. Forces shall be shown on the truss design drawing or on supplemental documents.
12. Required permanent truss member bracing location.

Roof Loading Data Sheet

Authority: 1972 PA 230

Completion:

Jurisdictional information should be included in this space

Completed prior to application for plan review and building permit. This form is a voluntary form used to assist in the permit approval process.

Applicant's Name:		Date:
Applicant's Address:		Permit Number:
City:	State:	Zip:
Applicant's Signature:		
Job Location:		
Address:		
Township/Village/City:		County:

THIS FORM SHOULD BE COMPLETED BY THE PERMIT APPLICANT, OR DESIGN PROFESSIONAL FOR C_e , C_t , AND I, PLACE AN "X" IN THE APPROPRIATE BOX THAT BEST DESCRIBES THE STRUCTURE.

Ground Exposure, P_g = _____

From Figure R301.2(5) MRC or Figure 1608.2 MBC

Exposure Factor C_e						
Exposure		Fully Exposed ¹		Partially Exposed ²		Sheltered ³
A	Large city center with at least 1/2 the buildings exceeding 70 ft. in height.	N/A		1.1		1.3
B	Urban and suburban areas, wooded areas or other terrain with closely spaced objects having the size of single-family dwellings or larger.	0.9		1		1.2
C	Open terrain with scattered obstructions having heights less than 30 ft. (flat open country)	0.9		1		N/A
D	Flat unobstructed areas exposed to wind flowing over open water for a distance of at least 1 mile. (i.e. Great Lakes.)	0.8		0.9		N/A

¹Fully Exposed: Roofs exposed on all sides with no shelter by terrain, higher structures, or trees.²Partially Exposed: All roofs except those designated as "fully exposed" or "sheltered."³Sheltered: Roofs located tight among conifers that qualify as obstructions.**Thermal Factor C_t**

Thermal Condition ⁴	C_t
All structures except as listed below	1
Structures kept just above freezing and those with cold, ventilated roofs with an R factor of 25 or greater between the ventilated and heated spaces, such as attics	1.1
Unheated structures and those intentionally kept below freezing, such as seasonal building or storage buildings	1.2
Continuously heated greenhouse with a roof R Value less than 2 and having an interior temperature maintained at about 50 degrees 3 ft above the floor during winter months and a temperature alarm system or an attendant to warn of a heating failure.	0.85

⁴These conditions shall be representative of the anticipated conditions during winter months for the life of the structure**Importance Factor**

Category	I
I Building and other structures representing low hazard to human life, i.e.: Agricultural, Temporary, and Minor Storage Facilities.	0.8
II All buildings except those listed in Categories III and IV.	1
III Building and other structures representing substantial hazard to human life in the event of failure.	1.1
IV Buildings and other structures designated as essential facilities.	1.2

Attic Live Load

Entire Attic	Y/N
Specific Areas (if yes, list areas below)	Y/N

List Rooms:

R 408.30508 Payment of fees.

Rule 508. Section R108.1 of the code is amended to read as follows:

R108.1. Fees. The fees prescribed in section 22 of 1972 PA 230, MCL 125.1522 shall be paid to the enforcing agency of the jurisdiction before a permit to begin work for new construction, alteration, removal, demolition, or other building operation may be issued. In addition, an amendment to a permit necessitating an additional fee shall not be approved until the additional fee is paid.

R 408.30510 Use and occupancy.

Rule 510. Sections R110.1 and R110.2 of the code are amended to read as follows:

R110.1. Use and occupancy. A building or structure shall not be used or occupied, and a change in the existing occupancy classification of a building or structure or portion thereof shall not be made until a certificate of occupancy has been issued in accordance with section 13 of 1972 PA 230, MCL 125.1513.

R110.2. Change in use. A change in the character or use of an existing structure shall not be made, except as specified in the Michigan building code, R 408.30401 to R 408.30499a.

R 408.30511 Violation penalties.

Rule 511. Section R113.4 of the code is amended to read as follows:

R113.4. Violation penalties. It is unlawful for any person, firm, or corporation to violate a provision of the code or fail to conform with any of the requirements thereof, or erect, construct, alter, extend, repair, move, remove, demolish, or occupy any building, structure, or equipment regulated by the code, or cause work to be performed or done in conflict with or in violation of the approved construction documents or directive of the enforcing agency, or a permit or certificate issued under the code. A violator shall be assessed a fine in accordance with section 23 of 1972 PA 230, MCL 125.1523.

R 408.30512 Notice to owner.

Rule 512. Section R114.1 of the code is amended to read as follows:

R114.1. Notice to owner. Upon notice from the enforcing agency, work on any building or structure that is being done contrary to the code or in a dangerous or unsafe manner shall immediately cease. The notice shall be in accordance with section 12 of 1972 PA 230, MCL 125.1512. Any person who is served with a stop work order, except for work that the person is directed to perform to remove a violation or unsafe condition is subject to the penalty provisions in section 23 of 1972 PA 230, MCL 125.1523.

R 408.30513 Definitions.

Rule 513. The definitions of building, registered design professional, and sunroom addition in section R202 of the code are amended, the definition of residential building type is deleted, and the definition of structure is added to section R202 to read as follows:

R202. Definitions.

"Building" means a combination of materials, whether portable or fixed, forming a structure affording a facility or shelter for use or occupancy by persons, animals, or property. The term does not include a building incidental to the use for agricultural purposes of the land on which the building is located if it is not used in the business of retail trade. The term shall be construed as though followed by the words "or part or parts of the building and all equipment in the building" unless the context clearly requires a different meaning.

"Registered design professional" means an individual who is licensed under article 20, 1980 PA 299, MCL 339.2001 et seq.

"Structure" means that which is built or constructed, an edifice or building of any kind, or a piece of work artificially built up or composed of parts joined together in some definite manner. Structure does not include a structure incident to the use for agricultural purposes of the land on which the structure is located and does not include works of heavy civil construction including without limitation any of the following:

- (a) A highway.
- (b) A bridge.
- (c) A dam.
- (d) A reservoir.
- (e) A lock.
- (f) A mine.
- (g) A harbor.
- (h) A dockside port facility.
- (i) An airport landing facility.
- (j) A facility for the generation, or transmission, or distribution of electricity.

Structure shall be construed as though followed by the word "or part or parts of the structure and all equipment in the structure," unless the context clearly indicates otherwise.

"Sunroom addition" means a new structure with glazing in excess of 40% of the gross area of the structure's exterior walls and roof added to an existing dwelling.

R 408.30514 Means of appeal.

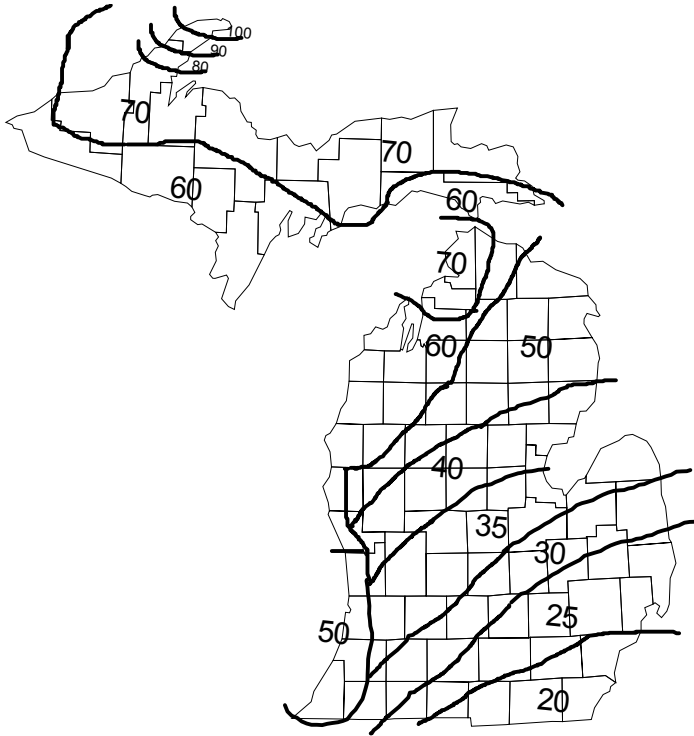
Rule 514. Section R112.1 of the code is amended to read as follows:

R112.1 Means of appeal. A person has the right to appeal a decision of the enforcing agency to the board of appeals. An application for appeal shall be based on a claim that the true intent of the code or the rules governing construction have been incorrectly interpreted, the provisions of the code do not apply, or an equal or better form of construction is proposed. The application shall be filed in accordance with section 14 of 1972 PA 230, MCL 125.1514.

R 408.30515 Ground snow loads.

Rule 515. Figure R301.2(5) of the code is amended to read as follows:

FIGURE R301.2(5)
Ground Snow Load P_g for Michigan (lb/ft²)



R 408.30517 Rescinded.

R 408.30518 Modular ramps.

Rule 518. Section R311.6.4 is added to the code to read as follows:

R311.6.4 Modular ramps. Modular ramp systems approved pursuant to section 21 of 1972 PA 230, MCL 125.1521 are not required to comply with the requirements of section R403.1.4 of the code.

R 408.30519 Treads and risers.

Rule 519. Sections R311.5.3.1 and R 311.5.3.2 of the code are amended to read as follows:

R311.5.3.1. Riser height. The maximum riser height shall be 8 1/4 inches (210 mm). The riser shall be measured vertically between leading edges of the adjacent treads. The greatest riser height within any flight of stairs shall not exceed the smallest by more than 3/8 inch (9.5 mm)

R311.5.3.2. Tread depth. The minimum tread depth shall be 9 inches (229 mm). The tread depth shall be measured horizontally between the vertical planes of the foremost projection of adjacent treads and at a right angle to the tread's leading edge. The greatest tread depth within any flight of stairs shall not exceed the smallest by more than 3/8 inch (9.5 mm). Winder treads shall have a minimum tread depth of 10 inches (254 mm) measured as above at a point 12 inches (305 mm) from the side where the treads are

narrower. Winder treads shall have a minimum tread depth of 6 inches (152 mm) at any point. Within any flight of stairs, the greatest winder tread depth at the 12-inch (305 mm) walk line shall not exceed the smallest by more than 3/8 inch (9.5 mm).

R 408.30520 Doors.

Rule 520. Section R311.4.2 of the code is amended and section R311.4.2.1 is added to the code to read as follows:

R311.4.2. Type and size. The required exit door shall be a side-hinged door not less than 3 feet (914 mm) in width and 6 feet, 8 inches (2032 mm) in height. Other exterior hinged or sliding doors shall not be less than 24 inches in width and 6 feet, 6 inches in height.

R311.4.2.1. Interior doors. Interior doors shall be not less than 24 inches in width and 6 feet, 6 inches in height.

Exception: Doors to areas less than 10 square feet of floor area.

R 408.30521 Elevation requirements.

Rule 521. Section R323.2.1 of the code is amended to read as follows;

R323.2.1. Elevation requirements. (1) Buildings and structures shall have the lowest floor elevated 1 foot above the design flood elevation.

(2) In areas of shallow flooding (AO zones), buildings and structures shall have the lowest floor (including basement) elevated at least as high above the highest adjacent grade as the depth number specified in feet (mm) on the FIRM, or not less than 2 feet

(51 mm) if a depth number is not specified.

(3) Basement floors that are below grade on all sides shall be elevated to or above the design flood elevation.

Exception: Enclosed areas below the design flood elevation, including basements that have floors which are not below grade on all sides, shall meet the requirements of section R323.2.2 of the code.

R 408.30522 Minimum depth.

Rule 522. Section R403.1.4 of the code is amended to read as follows:

R403.1.4. Minimum depth. All exterior footings and foundation systems shall extend 42 inches below actual grade.

Exceptions:

1. Frost-protected footings constructed in accordance with section R403.3 of the code and footings and foundations erected on solid rock shall not be required to extend below the frost line.

2. The footings in detached accessory structures not exceeding 400 square feet in area (37.16 m²) or 10 feet in height (3048 mm) shall extend 12 inches (305 mm) below grade to undisturbed soil or soils of sufficient bearing capacity. All vegetation and topsoil shall be removed for placement of accessory structures.

3. Upon evidence of the existence of any of the following conditions, the building official may modify the footing depth accordingly:

(a) Freezing temperatures (freezing degree days).

(b) Soil type.

(c) Ground water conditions.

(d) Snow depth experience.

(e) Exposure to the elements.

(f) Other specific conditions identified by the building official that may affect the foundation system.

4. Constructed in accordance with section R403.3.

5. Constructed in accordance with ASCE 32-01 as listed in chapter 43.
6. Decks not supported by a dwelling need not be provided with footings that extend below the frost line.

R 408.30523 Rescinded.

R 408.30524 Michigan uniform energy code.

Rule 524. Buildings shall be designed and constructed in accordance with the Michigan uniform energy code part 10 rules, R 408.31001 to R 408.31099.

R 408.30526 Sizing.

Rule 526. Section M1401.3 of the code is amended to read as follows:

M1401.3. Sizing. Heating and cooling equipment shall be sized based on building loads calculated in accordance with the provisions of ACCA Manual J-1987, as listed in chapter 43 or other approved heating and cooling calculation methodologies. Ductwork shall be sized in accordance with the provisions of ACCA Manual D-1995, as listed in chapter 43.

R 408.30531 Solvent cementing.

Rule 531. Section P2904.8.1 is added to the code to read as follows:

P2904.8.1. Solvent cementing. Joint surfaces shall be clean and free from moisture and an approved primer shall be applied. Solvent cement, orange in color and conforming to ASTM F 493, as listed in chapter 43, shall be applied to all joint surfaces. The joint shall be made while the cement is wet and in accordance with ASTM D 2846 or ASTM F 493 as listed in chapter 43. Solvent-cement joints shall be permitted above or below ground.

Exception: A primer is not required where all of the following conditions apply:

- a. The solvent cement used is third-party certified as conforming to ASTM F 493 as listed in chapter 43.
- b. The solvent cement used is yellow in color.
- c. The solvent cement is used only for joining 1/2 inch (12.7 mm) through 2-inch (51 mm) diameter CPVC pipe and fittings.
- d. The CPVC pipe and fittings are manufactured in accordance with ASTM D 2846 as listed in chapter 43.

R 408.30534 Individual venting required.

Rule 534. Section P3106.2 is added to the code to read as follows:

P3106.2. Individual venting required. When fixtures other than water closets discharge into a 3-inch horizontal branch downstream from a water closet, then each fixture connected to the branch within 54 inches (1371.6 mm) downstream of the water closet flange shall be vented individually.

R 408.30536 General

Rule 536. Sections E3301.1 and E 3301.2 of the code are amended to read as follows:

E3301.1. Applicability. The provisions of chapters 33 to 42 of the code shall establish the general scope of the electrical system and equipment requirements of the code. Chapters 33 to 42 of the code cover those wiring methods and materials most commonly encountered in the construction of 1- and 2-family dwellings and structures regulated by the code. Other wiring methods, materials, and subject matter covered in the Michigan electrical code, R 408.30801 to R 408.30880 are also allowed by the code.

E3301.2. Scope. Chapters 33 to 42 of the code shall cover the installation of electrical systems, equipment, and components indoors and outdoors that are within the scope of the code, including

services, power distribution systems, fixtures, appliances, devices, and appurtenances. Services within the scope of the code shall be limited to 120/240 volt, 0- to 400- ampere, single-phase systems. These chapters specifically cover the equipment, fixtures, appliances, wiring methods, and materials that are most commonly used in the construction or alteration of 1- and 2-family dwellings and accessory structures regulated by the code. The omission from these chapters of any material or method of construction provided by the Michigan electrical code, R 408.30801 to R 408.30880, shall not be construed as prohibiting the use of such material or method of construction. Electrical systems, equipment, or components not specifically covered in these chapters shall comply with the applicable provisions of the Michigan electrical code, R 408.30801 to R 408.30880.

R 408.30537 Separate outdoor electric space conditioning equipment.

Rule 537. Section E3501.6.3 is added to the code to read as follows:

E3501.6.3. Separate outdoor electric space conditioning equipment. A service disconnect for separately metered outdoor electric space conditioning equipment may be located immediately adjacent to the outdoor meter cabinet. A permanent plaque or directory shall be installed at each service disconnect location denoting the other services, feeders, and branch circuits supplying a building or structure and area served by each service, feeder, and branch circuit.

R 408.30539 Plastic pipe.

Rule 539. Sections P3003.3.6.1 and P3003.3.6.2 are added to the code to read as follows:

P3003.3.6.1. ABS plastic pipe. Solvent cement for ABS plastic pipe conforming to ASTM D 2235, as listed in chapter 43, shall be applied to all joint surfaces.

P3003.3.6.2 PVC plastic pipe. A primer complying with ASTM F 656, as listed in chapter 43, shall be applied to all PVC solvent-cemented joints. Solvent cement for PVC plastic pipe conforming to ASTM D 2564, as listed in chapter 43, shall be applied to all joint surfaces.

R 408.30540 Distance of trap from vent.

Rule 540. Section P3105.1 of the code is amended to read as follows:

P3105.1. Distance of trap from vent. Each fixture trap shall have a protecting vent located so that the slope and the developed length in the fixture drain from the trap weir to the vent fitting are within the requirements set forth in table P3105.1.

R 408.30541 Fuel burning appliances.

Rule 541. Section M1307.6 is added to the code to read as follows:

M1307.6. Fuel burning appliances. Fuel burning appliances shall not be installed within 10 feet (3048 mm) of a laundry chute.

R 408.30542 Duct insulation/floor register location.

Rule 542. Section M1601.3.4 of the code is amended and section M1601.3.9 is added to the code to read as follows:

M1601.3.4. Duct insulation. Duct insulation shall be installed in accordance with the following requirements:

1. A vapor retarder having a maximum permeance of 0.05 perm $[(2.87 \text{ ng}/(\text{s} \cdot \text{m}^2 \cdot \text{Pa}))]$ in accordance with ASTM E 96, as listed in chapter 43, or aluminum foil with a minimum thickness of 2 mils (0.051 mm), shall be installed on the exterior of insulation on cooling supply ducts that pass through nonconditioned spaces conducive to condensation.
2. Exterior duct systems shall be protected against the elements.

3. Duct coverings shall not penetrate a fireblocked wall or floor.

4. All portions of the air distribution system shall be installed in accordance with section M1601 and be insulated to an installed R-5 when system components are located within the building but outside the conditioned space, and R-8 when located outside to the building. When located within a building envelope assembly, at least R-8 shall be applied between the duct and that portion of the assembly farthest from conditioned space.

Exception: Exhaust air ducts and portions of the air distribution system within appliances or equipment.

M1601.3.9 Floor register location. Floor registers located in room or spaces containing water closets shall be located a minimum of 3 feet from the water closet.

R 408.30543 Boiler low-water cutoff.

Rule 543. Section M2002.5 of the code is amended to read as follows:

M2002.5. Boiler low-water cutoff. All steam and hot water boilers shall be protected with a low-water cutoff control. The low-water control shall automatically stop the combustion operation of the appliance when the water level drops below the lowest safe water level as established by the manufacturer. The low-water cut off on all low-pressure boilers shall be installed in accordance with ASME code section IV which is adopted by reference in these rules. The code is available for inspection at the Michigan Department of Labor & Economic Growth, Bureau of Construction Codes and Fire Safety, 2501 Woodlake Circle, Okemos, Michigan 48864, or from the American Society of Mechanical Engineers, Three Park Avenue, New York, New York, 10016-5990, at a cost as of the time of adoption of these amendatory rules of \$260.00.

A low-water cutoff shall be of the float or probe type or paddle-type non-reversing flow switch.

R 408.30544 Concrete and masonry foundation dampproofing.

Rule 544. Section R406.1 of the code is amended to read as follows:

R406.1. Concrete and masonry foundation dampproofing. Except where required to be waterproofed by section R406.2, foundation walls that retain earth and enclose habitable or usable spaces located below grade shall be dampproofed from the top of the footing to the finished grade. Masonry walls shall have not less than 3/8 inch (9.5 mm) Portland cement parging applied to the exterior of the wall. The parging shall be dampproofed with a bituminous coating, 3 pounds per square yard (1.63 kg/m²) of acrylic modified cement, 1/8-inch (3.2 mm) coat of surface-bonding mortar complying with ASTM C 887, as listed in chapter 43, or any material permitted for waterproofing in section R406.2. Concrete walls shall be dampproofed by applying any 1 of the above listed dampproofing materials or any 1 of the waterproofing materials listed in section R406.2 to the exterior of the wall.

Exception: Parging of unit masonry walls is not required where a material is approved for direct application to the masonry.

R 408.30545 Exterior covering.

Rule 545. Sections R703.2, R703.6, and R703.8, and table R703.4 of the code are amended to read as follows:

R703.2. Weather-resistive sheathing paper. A minimum of one layer of No. 15 asphalt felt complying with ASTM D 226, as listed in chapter 43, for type 1 felt or other approved weather-resistive materials shall be applied over sheathing of all exterior walls. See table R703.4. Such felt or material shall be applied horizontally, with the upper layer lapped over the lower layer not less than 2 inches (51 mm). Where joints occur, felt shall be lapped not less than 6 inches (152 mm). Building paper or other approved material shall be continuous up to the underside of the rafter or truss top chord and terminated

at penetrations and building appendages in such a manner to meet the requirements of the exterior wall envelope as described in section R703.1.

Exception: Such felt or material is permitted to be omitted in detached accessory buildings.

Table R703.4
WEATHER-RESISTANT SIDING ATTACHMENT AND MINIMUM THICKNESS

SIDING MATERIAL		NOMINAL THICKNESS ^a (INCHES)	JOINT TREATMEN T	SHEATHING PAPER REQUIRED	TYPE OF SUPPORTS FOR THE SIDING MATERIAL AND FASTENERS ^{bcd}						
					Wood or Wood Structural Panel sheathing	Fiberboard Sheathing Into stud	Gypsum Sheathing Into stud	Foam Plastic Sheathin g Into stud	Direct to studs	Number or Spacing of fasteners	
Horizontal Aluminum ^c	Without Insulation	0.019 ^d	Lap	Yes	0.120 nail 1½” long	0.120 nail 2” long	0.120 2” long	0.120 nail ^z	Not allowed	Same as stud spacing	
		0.024	Lap	Yes	0.120 nail 1½” long	0.120 nail 2” long	0.120 nail 2” long	0.120 nail ^z	Not allowed		
	With Insulation	0.019	Lap	Yes	0.120 nail 1½” long	0.120 nail 2½” long	0.120 nail 2½” long	0.120 nail ^z	0.120 nail 1½” long		
Hardboard ^d Panel siding-vertical		7/16	Note g	Yes	Note o	Note o	Note o	Note o	Note o	6” panel edges 12” inter. Sup. ^p	
Hardboard ^d Lap-siding-horizontal		7/16	Note r	Yes	Note q	Note q	Note q	Note q	Note q	Same as stud spacing	
Steel ^l		29ga.	Lap	Yes	0.113 nail 1¾” Staple-1¾”	0.113 nail 2¾” Staple-2 ½”	0.113 nail 2½” Staple-2 ¼”	0.113 nail ^z 2½”Staple ^z	Not allowed	Same as stud spacing	
Particleboard panels		3/8-1/2	Note g	Yes	6d box nail	6d box nail	6d box nail	Box nail ^z	6d box nail, 3/8 not allowed	6” panel edge 12” inter. Sup.	
		5/8	Note g	Yes	6d box nail	8d box nail	8d box nail	box nail ^z	6d box nail		
Plywood panel ^l (exterior grade)		3/8	Note g	Yes	0.099 nail-2”	0.113 nail-2½”	0.099 nail-2”	0.113 nail ^z Staple ^z	0.099 nail-2”	6” on edges	
Vinyl Siding ⁿ		0.035	Lap	Yes	0.120 nail 1½” Staple-1¾”	0.120 nail 2” Staple-2½”	0.120 nail 2” Staple-2½”	.0120 nail ^z Staple ^z	Not allowed	Same as stud spacing	
Wood ^k Rustic, drop		3/8 Min	Lap	Yes	Fastener penetration into stud-1”				0.113 nail-2½” Staple-2”	Face nailing up to 6” widths, 1 nail per bearing; 8” widths and over, 2 nails per bearing	
Shiplap		19/32 Average	Lap	Yes							
Bevel		7/16									
Butt tip		3/16	Lap	Yes							
Brick veneer Concrete masonry veneer		2 2	Section R703	Yes (Note m)	See Section R703 and Figure R703.7 ^h						
Stone veneer		2	Section R703	Yes (Note m)	See Section R703 and Figure R703.7 ^h						
Fiber cement panel siding ^s		5/16	Note t	Yes	6d corrosion resistant nail ^u	6d corrosion resistant nail ^u	6d corrosion resistant nail ^u		4 d corrosion resistant nail ^v	6” oc on edges, 12” oc on intermed. Studs	
Fiber cement lap siding ^s		5/16	Note w	Yes Note y	6d corrosion resistant nail ^u	6d corrosion resistant nail ^u	6d corrosion resistant nail ^u		6d corrosion resistant nail ^x	Note x	

For SI: 1" = 25.4 mm

- a. Based on stud spacing of 16 inches on center where studs are spaced 24 inches, siding shall be applied to sheathing approved for that spacing.
- b. Nail is a general description and shall be T-head, modified round head, or round head with smooth or deformed shanks.
- c. Staples shall have a minimum crown width of 7/16-inch outside diameter and be manufactured of minimum 16 gage wire.
- d. Nails or staples shall be aluminum, galvanized, or rust-preventative coated and shall be driven into the studs for fiberboard or gypsum backing.
- e. Aluminum nails shall be used to attach aluminum siding.
- f. Aluminum (0.019 inch) shall be unbacked only when the maximum panel width is 10 inches and the maximum flat area is 8 inches. The tolerance for aluminum siding shall be +0.002 inch of the nominal dimension.
- g. Sheathing paper required.
- h. All attachments shall be coated with a corrosion-resistive coating.
- i. Shall be of approved type.
- j. Three-eighths-inch plywood shall not be applied directly to studs spaced greater than 16 inches on center when long dimension is parallel to studs. One-half-inch plywood shall not be the face grain perpendicular to the studs or over sheathing approved for that stud spacing.
- k. Wood board sidings applied vertically shall be nailed to horizontal nailing strips or blocking set 24 inches on center. Nails shall penetrate 1.5 inches into studs, studs and wood sheathing combined, or blocking. A weather-resistant membrane shall be installed weatherboard fashion under the vertical siding unless the siding boards are lapped or battens are used.
- l. Hardboard siding shall comply with AHA A135.6 as listed in chapter 43.
- m. For masonry veneer, a weather-resistant sheathing paper is not required over a sheathing that performs as a weather-resistive barrier when a 1-inch air space is provided between the veneer and the sheathing. When the 1-inch space is filled with mortar, a weather-resistant sheathing paper is required over studs or sheathing.
- n. Vinyl siding shall comply with ASTM D 3679 as listed in chapter 43.
- o. Minimum shank diameter of 0.092 inch, minimum head diameter of 0.025 inch, and nail length shall accommodate sheathing and penetrate framing 1.5 inches.
- p. When used to resist shear forces, the spacing must be 4 inches at panel edges and 8 inches on interior supports.
- q. Minimum shank diameter of 0.099 inch, minimum head diameter of 0.240 inch, and nail length shall accommodate sheathing and penetrate framing 1.5 inches.
- r. Vertical end joints shall occur at studs and shall be covered with a joint cover or shall be caulked.
- s. Fiber cement siding shall comply with the requirements of ASTM C 1186 as listed in chapter 43.
- t. See section R703.10.1 of the code.
- u. Minimum 0.102 inch smooth shank, 0.255 inch round head.
- v. Minimum 0.099 inch smooth shank, 0.250 inch round head.
- w. See section R703.10.2 of the code.
- x. Face nailing: 2 nails at each stud. Concealed nailing: one 11 gage 1-1/2 galvanized roofing nail (0.371 inch head diameter, 0.120 inch shank) or 6d galvanized box nail at each stud.
- y. See exceptions in section R703.2 of the code.
- z. Minimum nail length shall accommodate sheathing and penetrate framing 1.5 inches.

R703.6. Exterior plaster. Installation of these materials shall be in compliance with ASTM C 926, which is adopted by reference in these rules and ASTM C 1063, as listed in chapter 43. The ASTM C 926

standard is available for inspection at the Michigan Department of Labor & Economic Growth, Bureau of Construction Codes and Fire Safety, 2501 Woodlake Circle, Okemos, Michigan 48864, or from ASTM International, 100 Barr Harbor Drive, West Conshohocken, PA, 19428, at a cost as of the time of adoption of these amendatory rules of \$30.00.

R703.6.3. Weather-resistant barriers. Weather-resistant barriers shall be installed as required in section R703.2 and, where applied over wood-based sheathing, shall include a weather-resistive vapor permeable barrier with a performance at least equivalent to 2 layers of grade D paper.

R703.8. Flashing. Approved corrosion-resistive flashing shall be provided in the exterior wall envelope in such a manner as to prevent entry of water into the wall cavity or penetration of water to the building structural framing components. The flashing shall extend to the surface of the exterior wall finish and shall be installed to prevent water from reentering the exterior wall envelope. Flashing shall extend to, or beyond, the finished exterior face of the wall. Approved corrosion-resistive flashing shall be installed at all of the following locations:

1. At top of all exterior window and door openings in such a manner as to be leakproof, except that self-flashing windows having a continuous lap of not less than 1 1/8 inches (28 mm) over the sheathing material around the perimeter of the opening, including corners, do not require additional flashing; jamb flashing may also be omitted when specifically approved by the building official.
2. At the intersection of chimneys or other masonry construction with frame or stucco walls, with projecting lips on both sides under stucco copings.
3. Under and at the ends of masonry, wood, or metal copings and sills.
4. Continuously above all projecting wood trim.
5. Where exterior porches, decks, or stairs attach to a wall or floor assembly of wood-frame construction.
6. At wall and roof intersections.
7. At built-in gutters.

R 408.30546 Minimum uniformly distributed live loads.

Rule 546. Table R301.5 of the code is amended to read as follows:

TABLE R301.5
MINIMUM UNIFORMLY DISTRIBUTED LIVE LOADS
(in pounds per square foot)

USE	LIVE LOAD
Attics with storage ^b	20
Attics without storage ^{bg}	10
Decks ^c	40
Exterior balconies	60
Fire escapes	40
Guardrails and handrails ^d	200
Guardrails in-fill components ^f	200
Passenger vehicle garages ^a	50 ^a
Rooms other than sleeping rooms	40
Sleeping rooms	30
Stairs	40 ^c

For SI: 1 pound per square foot = 0.0479 kN/m², 1 square inch = 645 mm², 1 pound = 4.45 N.

a. Elevated garage floors shall be capable of supporting a 2,000-pound load applied over a 20-square-inch area.

- b. No storage with roof slope not over 3 units in 12 units.
- c. Individual stair treads shall be designed for the uniformly distributed live load or a 300-pound concentrated load acting over an area of 4 square inches, whichever produces the greater stresses.
- d. A single concentrated load applied in any direction at any point along the top.
- e. See section R502.2.1 for decks attached to exterior walls.
- f. Guard in-fill components (all those except the handrail), balusters, and panel fillers shall be designed to withstand a horizontally applied normal load of 50 pounds on an area equal to 1 square foot. This load need not be assumed to act concurrently with any other live load requirement.
- g. Load shall be applied non-concurrent with other variable loads.

R 408.30547. Referenced standards.

Rule 547. The TPI standard in chapter 43 of the code is amended to update the standard to the TPI 1-2002 edition.

ADMINISTRATIVE RULES

ORR # 2003-011

DEPARTMENT OF TREASURY

MICHIGAN HIGHER EDUCATION ASSISTANCE AUTHORITY

BUREAU OF STUDENT FINANCIAL ASSISTANCE

NURSING SCHOLARSHIP RULES

Filed with the Secretary of State on February 18, 2004.

These rules take effect 7 days after filing with the Secretary of State

(By authority conferred on the Michigan Higher Education Assistance Authority by section 3 of 2002 PA 591, MCL 390.1183.)

R 390.901 Definitions.

Rule 1. (1) As used in these rules:

- (a) “Act” means the Michigan nursing scholarship act, 2002 PA 591, MCL 390.1181 to 390.1189.
- (b) “Eligible costs” means that term as defined in section 2 of the Michigan nursing scholarship act and includes any other student costs related to attendance as specified by the eligible institution.
- (c) “Eligible program” means courses at an eligible institution that are applicable or transferable to a baccalaureate or lower degree or certificate in nursing.
- (d) “Part-time employment” means employment that is less than 40 hours per week and averages 10 to 30 hours per week.
- (e) “Part-time enrollment” means students enrolled at least half-time as determined on an enrollment count date that is established by each eligible institution.
- (f) “Participating school” means an eligible postsecondary institution as defined in section 2 of the act that elects to participate in the scholarship program.
- (g) “Satisfactory academic progress” means compliance with the standards of enrollment established by the eligible institution pursuant to the federal higher education act of 1965, as amended, regarding minimal criteria of academic progress needed to maintain eligibility for federal title IV student aid programs.

R 390.903 Statutorily defined terms used in the rules.

Rule 3. Except as otherwise provided in these rules, a term defined in the act has the same meaning when used in these rules.

R 390.905 Responsibilities of participating school.

Rule 5. A participating school is responsible for all of the following activities:

- (a) Selecting eligible student recipients using institutional criteria in addition to the student eligibility requirements described in section 4 of the act.

- (b) Awarding scholarships to eligible student recipients.
- (c) Sending completed student recipient “scholarship agreement and promissory note” forms to the authority by program due date.
- (d) Reporting scholarship expenditures and related data to the authority on a timely basis.
- (e) Refunding unused scholarship program funds promptly at the end of each fiscal year.

R 390.907 Additional scholarship eligibility requirements.

Rule 7. The authority, in conjunction with a participating school, may award a scholarship to an individual determined to meet the requirements of section 4 of the act and all of the following requirements:

- (a) Is making satisfactory academic progress as determined by the participating school.
- (b) Is not in default on a federal student loan, a loan guaranteed by the authority, or a loan offered by the authority. Exceptions may be made if a defaulted borrower has made satisfactory repayment arrangements that result in the individual being eligible to again borrow under the federal title IV student loan programs.
- (c) Is not prohibited from receiving federal student loans due to bankruptcy.
- (d) Is not currently incarcerated in a correctional facility on either a full-time or part-time basis.

R 390.909 Scholarship awards.

Rule 9. (1) A student determined to be eligible for a scholarship who is enrolled fulltime at a participating school shall receive either a \$4,000 scholarship for 1 academic year, or a scholarship in an amount equal to the student’s eligible costs minus any other grants or scholarships the student receives, whichever is less.

(2) A student determined to be eligible for a scholarship who is enrolled 3/4 time in a participating school shall receive either a \$3,000 scholarship for 1 academic year, or a scholarship in an amount equal to the student’s eligible costs minus any other grants or scholarships the student receives, whichever is less.

(3) A student determined to be eligible for a scholarship who is enrolled 1/2 time in a participating school shall receive either a \$2,000 scholarship for 1 academic year, or a scholarship in an amount equal to the student’s eligible costs minus any other grants or scholarships the student receives, whichever is less.

R 390.913 Interest rate for scholarship repayment.

Rule 13. If a scholarship recipient is determined to be in noncompliance with the program agreement and required to repay the scholarship award received, the interest rate charged by the authority shall be a fixed rate of 4%.

R 390.915 Repayment deferral.

Rule 15. (1) In addition to the reasons described in section 7(4) of the Act, a scholarship recipient’s repayment obligation is deferred during any period in which the recipient is doing any of the following:

- (a) Pursuing a course of study related to the field of nursing at an eligible institution on at least a half-time status and is employed on a part-time basis.
- (b) Enrolled at least half-time status in a degree program and is employed on a part-time basis.
- (c) Unemployed and/or experiencing economic hardship due to low income for a period not to exceed 3 years.
- (d) Unable to work or unable to work full-time and/or is experiencing economic hardship due to the care of a disabled spouse for a period not to exceed 3 years.

- (e) In a circumstance that warrants the granting of a period of deferment as determined by the authority.
- (2) A scholarship recipient is not in violation of the agreement entered into pursuant to section 7 of the act during any period described in subrule (1) of this rule.

ADMINISTRATIVE RULES

ORR # 2003-031

DEPARTMENT OF LABOR AND ECONOMIC GROWTH

WORKERS' COMPENSATION AGENCY

WORKER'S COMPENSATION HEALTH CARE SERVICES

Filed with the Secretary of State on February 12, 2004.
These rules take effect 7 days after filing with the Secretary of State

(By authority conferred on the director of the department of labor and economic growth by sections 205 and 315 of 1969 PA 317, section 33 of 1969 PA 306, Executive Reorganization Order No. 1982-2, Executive Reorganization Order No. 1986-3, Executive Reorganization Order No. 1990-1, and Executive Reorganization Order No. 2003-18, MCL 418.205, 418.315, 24.233, 18.24, 418.1, 418.2, and 445.2011)

R 418.10106, R 418.10107, R 418.10109, R 418.10202, R 418.10214, R 418.10901, R 418.101002, R 418.101017, R 418.101101 and R 418.101504 of the Administrative code are amended.

R 418.10106 Procedure codes; relative value units; other billing information.

Rule 106. (1) Upon annual promulgation of R 418.10107, the health care services division of the workers' compensation agency shall publish a manual separate from these rules containing all of the following information:

- (a) All CPT® procedure codes used for billing health care services.
- (b) Medicine, surgery, and radiology procedures and their associated relative value units.
- (c) Hospital maximum payment ratios.
- (d) Billing forms and instruction for completion.

(2) The procedure codes and standard billing and coding instructions for medicine, surgery, and radiology services shall be adopted from the most recent publication entitled "Physicians' Current Procedural Terminology, (CPT®)" as adopted by reference in R 418.10107. However, billing and coding guidelines published in "Physicians' Current Terminology, (CPT®)" do not guarantee reimbursement. A carrier shall only reimburse medical procedures for a work-related injury or illness that are reasonable and necessary and are consistent with accepted medical standards.

(3) The formula and methodology for determining the relative value units shall be adopted from the "Medicare RBRVS Fee Schedule" as adopted by reference in R 418.10107 using geographical information for Michigan. The geographical information, (GPCI), for these rules is a melded average using 60% of the figures published for Detroit added to 40% of the figures published for the rest of the state.

(4) The maximum allowable payment for medicine, surgery, and radiology services shall be determined by multiplying the relative value unit assigned to the procedure times the conversion factor listed in the reimbursement section, part 10 of these rules.

(5) Procedure codes from “Medicare’s National Level II Codes HCPCS” as adopted by reference in 418.10107 shall be used to describe all of the following services:

- (a) Ambulance services.
- (b) Medical and surgical expendable supplies.
- (c) Dental procedures.
- (d) Durable medical equipment.
- (e) Vision and hearing services.
- (f) Home health services.

(6) Both of the following medical services shall be considered “By Report” (BR):

- (a) All ancillary services listed in “Medicare’s National Level II CODES HCPCS”, referenced in R 418.10106.
- (b) All CPT® procedure codes that do not have an assigned relative value.

R 418.10107 Source documents; adoption by reference.

Rule 107. The following documents are adopted by reference in these rules and are available for inspection at, or purchase from, the workers' compensation agency, health care services division, P.O. Box 30016, Lansing, Michigan 48909, at the costs listed or from the organizations listed:

(a) "Physicians' Current Procedural Terminology (CPT®) 2004," standard edition, copyright October 2003, published by the American Medical Association, PO Box 930876, Atlanta GA, 31193-0876, order # OP0541048BZA ISBN: 1-57947-420-9, 1-800-621-8335. The publication may be purchased at a cost of \$57.95 plus \$9.95 for shipping and handling as of the time of adoption of these rules. Permission to use this publication is on file in the workers' compensation agency.

(b) "Medicare's National Level II Codes, HCPCS, 2004," copyright November 2003, published by the American Medical Association, P.O. Box 930876 Atlanta GA 31193-0876, order # OP095104BZA ISBN: 1-57947-454-3, customer service 1-800-621-8335. The publication may be purchased at a cost of \$84.95, plus \$11.95 for shipping and handling as of the time of adoption of these rules.

(c) “Medicare RBRVS 2003: The Physicians’ Guide,” published by The American Medical Association, 515 North State Street, Chicago IL, 60610, order #OPO59603, 1-800-621-8335. The publication may be purchased at a cost of \$79.95, plus \$11.95 shipping and handling as of the time of adoption of these rules.

(d) “Medicare RBRVS 2004: The Physicians’ Guide,” published by the American Medical Association, 515 North State Street, Chicago IL, 60610, 1-800-621-8335. The publication may be purchased at a cost of \$79.95, plus \$11.95 shipping and handling as of the time of adoption of these rules

(e) "International Classification of Diseases, ICD-9-CM 2004 Volumes 1 & 2" copyright 2003, American Medical Association, P.O. Box 930876, Atlanta GA 31193-0876, order #OP065104BZA, 1-800-621-8335. The publication may be purchased at a cost of \$84.95, plus \$11.95 shipping and handling as of the time of adoption of these rules.

(f) "2003 Drug Topics Red Book," published by Medical Economics Company Inc., Five Paragon Drive, Montvale, NJ 07645-1742, 1-800-678-5689. The publication may be purchased at a cost of \$72.95, plus \$9.95 for shipping and handling as of the time of adoption of these rules.

(g) "Michigan Uniform Billing Manual," developed in cooperation with the American Hospital Association's National Uniform Billing Committee, published by Michigan Health and Hospital Association, Attn: UB-92 Subscriptions, 6215 West St. Joseph Highway, Lansing, MI 48917, 517-886-8366. As of the time of adoption of these rules, the cost of the publication is \$160.00, plus 6% sales tax.

(h) “Relative Value Guide: A Guide For Anesthesia Values 2003,” published by the American Society of Anesthesiologists, 520 N Northwest Highway, Park Ridge, IL 60068-2573, 1-847-825-5586. As of the time of adoption of these rules, the cost of the publication, including shipping is \$15.00.

R 418.10109 Definitions; M to U.

Rule 109. As used in these rules:

- (a) “Maximum allowable payment” means the maximum fee for a procedure that is established by these rules, a reasonable amount for a “by report” procedure, or a provider’s usual and customary charge, whichever is less.
- (b) “Medical only case” means a case that does not involve wage loss compensation.
- (c) “Medical rehabilitation” means, to the extent possible, the interruption, control, correction, or amelioration of a medical or a physical problem that causes incapacity through the use of appropriate treatment disciplines and modalities that are designed to achieve the highest possible level of post-injury function and a return to gainful employment.
- (d) “Medically accepted standards” means a measure which is set by a competent authority as the rule for evaluating quantity or quality of health care or health care services ensuring that the health care is suitable for a particular person, condition, occasion, or place.
- (e) “Morbidity” means the extent of illness, injury, or disability.
- (f) “Mortality” means the likelihood of death.
- (g) “New patient” means a patient who is new to the provider for a particular covered injury or illness and who needs to have medical and administrative records established.
- (h) “Nursing home” means a nursing care facility, including a county medical care facility, created pursuant to the provisions of 1885 PA 152, §36.1 et seq. MCL.
- (i) “Orthotic equipment” means an orthopedic apparatus that is designed to support, align, prevent or correct deformities of, or improve the function of, a movable body part.
- (j) “Pharmacy” means the place where the science, art, and practice of preparing, preserving, compounding, dispensing, and giving appropriate instruction in the use of drugs is practiced.
- (k) “Practitioner” means an individual who is licensed, registered, or certified as defined in the Michigan public health code, 1978 PA 368, (Articles 1, 7, 15, 19, and excerpts from Article 5) as amended.
- (l) “Primary procedure” means the therapeutic procedure that is most closely related to the principal diagnosis.
- (m) “Properly submitted bill” means a request by a provider for payment of health care services which is submitted to a carrier on the appropriate completed claim form with attachments as required by these rules.
- (n) “Prosthesis” means an artificial substitute for a missing body part. A prosthesis is constructed by a “prosthetist”, a person who is skilled in the construction and application of a prosthesis.
- (o) “Provider” means a facility, health care organization, or a practitioner.
- (p) “Reasonable amount” means a payment based upon the amount generally paid in the state for a particular procedure code using data available from the provider, the carrier, or the workers’ compensation agency, health care services division.
- (q) “Restorative” means that the patient’s function will demonstrate measurable improvement in a reasonable and generally predictable period of time and includes appropriate periodic care to maintain the level of function.
- (r) “Secondary procedure” means a surgical procedure which is performed to ameliorate conditions that are found to exist during the performance of a primary surgery and which is considered an independent procedure that may not be performed as a part of the primary surgery or for the existing condition.
- (s) “Specialist” means any of the following entities who is board-certified, board-eligible, or otherwise considered an expert in a particular field of health care by virtue of education, training, and experience generally accepted in that particular field:

- (i) A doctor of chiropractic.
- (ii) A doctor of dental surgery.
- (iii) A doctor of medicine.
- (iv) A doctor of optometry.
- (v) A doctor of osteopathic medicine and surgery.
- (vi) A doctor of podiatric medicine and surgery.
- (t) “Subrogation” means substituting one creditor for another. An example of subrogation in workers’ compensation is when a case is determined to be workers’ compensation and the health benefits plan has already paid for the service and is requesting the workers’ compensation carrier or the provider to refund the money that the plan paid on behalf of the worker.
- (u) “Technical surgical” assist means that additional payment for an assistant surgeon, referenced in R 418.10416 of these rules, is allowed for certain designated surgical procedures. The Health Care Services Manual, published annually by the workers' compensation agency, denotes a surgical procedure allowing payment for the technical surgical assist with the letter “T.”
- (v) “Treatment plan” means a plan of care for restorative physical treatment services that indicates the diagnosis and anticipated goals.
- (w) “Usual and customary charge” means a particular provider’s average charge for a procedure to all payment sources, and includes itemized charges which were previously billed separately and which are included in the package for that procedure as defined by these rules. A usual and customary charge for a procedure shall be calculated based on data beginning January 1, 2000.

R 418.10202 Evaluation and management services.

- Rule 202. (1) Procedure code 97010 performed in conjunction with an evaluation and management office visit shall not be reimbursed as a separate procedure.
- (2) Minor medical and surgical supplies routinely used by the practitioner or health care organization in the office visit shall not be billed separately.
- (3) Supplies, or other services, over and above those usually incidental to an office visit or other outpatient visit for the evaluation and management of a patient shall be billed separately under procedure code 99070.
- (4) If an office visit is performed outside of the provider’s normal business hours, the provider may bill the add on procedure codes describing an office visit performed after hours or on Sundays or holidays. A provider may bill add on procedure code 99050 in addition to the evaluation and management service, if a service is rendered between the hours of 6:00 p.m. and 7:00 a.m., Monday through Saturday. A provider may bill add on procedure code 99054 if a service is rendered on Sundays or holidays until 7:00 a.m. of the following regular working day.
- (5) A procedure that is normally part of an examination or evaluation shall not be billed independently. Range of motion shall not be reimbursed as a separate procedure in addition to the evaluation and management service unless the procedure is medically necessary and appropriate for the injured worker’s condition and diagnosis.
- (6) The maximum allowable payment for the evaluation and management service shall be determined by multiplying the relative value unit, RVU, assigned to the procedure code, times the conversion factor listed in the reimbursement section of these rules.
- (7) The level of an office visit or other outpatient visit for the evaluation and management of a patient is not guaranteed and may change from session to session. The level of service shall be consistent with the type of presenting complaint and supported by documentation in the record.
- (8) Procedure codes 99455 and 99456 describing work-related or medical disability evaluation services shall not be used to describe an evaluation and management service for treating a work-related injury or

illness. Procedure codes 99201-99350 shall be used to describe the practitioner's medical treatment of an injured worker.

(9) The carrier shall not reimburse the provider for procedure codes 90782-90799, administration of therapeutic injections, if billed in conjunction with an evaluation and management service. The medication administered in the therapeutic injection shall be billed using procedure code 99070 and shall be identified with the national drug code number. The provider shall be reimbursed at the average wholesale price of the drug. If the provider does not bill an evaluation and management service, then the appropriate procedure code describing the administration of the drug may be billed. The administered drug is billed additionally and is payable at the average wholesale price of the drug.

(10) The provider may bill immunization procedure codes in addition to the evaluation and management procedure code. If the provider bills an immunization, then the vaccine is described with procedure codes 90476-90748, and the administration of the vaccine is described with procedure code 90471 or 90472. The carrier shall reimburse the vaccine at the average wholesale price of the vaccine plus the cost of administration billed with procedure codes 90471 or 90472.

(11) Procedure code 76140, x-ray consultation, shall not be paid to the provider in addition to the evaluation and management service, to review x-rays taken elsewhere. The carrier shall not pay for review of an x-ray by a practitioner other than the radiologist providing the written report or the practitioner performing the complete radiology procedure.

R 418.10214 Orthotic and prosthetic equipment.

Rule 214. (1) A copy of a prescription by one of the following is required for prosthetic and orthotic equipment:

- (a) A doctor of medicine.
 - (b) A doctor of osteopathic medicine and surgery.
 - (c) A doctor of chiropractic.
 - (d) A doctor of podiatric medicine and surgery.
- (2) Orthotic equipment may be any of the following:

- (a) Custom-fit.
 - (b) Custom-fabricated.
 - (c) Non-custom supply that is prefabricated or off-the-shelf.
- (3) A non-custom supply shall be billed using procedure code 99070 or A4570 for a prefabricated splint.
- (4) A board-certified orthotist or prosthetist who is certified by the American board for certification in orthotics and prosthetics, incorporated shall bill orthoses and prostheses that are custom-fabricated, molded to the patient, or molded to a patient model. In addition, a doctor of podiatric medicine and surgery may bill for a custom-fabricated or custom-fit, or molded patient model foot orthosis using procedure codes L3000-L3649.

(5) L-code procedures shall include fitting and adjustment of the equipment.

(6) Maximum allowable payments for L-code procedures are listed in R 418.101504. If an L-code procedure does not have an assigned maximum allowable payment, then the procedure shall be by report, "BR."

(7) A provider may not bill more than 4 dynamic prosthetic test sockets without documentation of medical necessity. If the physician's prescription or medical condition requires utilization of more than 4 test sockets, then a report shall be included with the bill that outlines a detailed description of the medical condition or circumstances that necessitate each additional test socket provided.

R 418.10901 General Information.

Rule 901. (1) All health care practitioners and health care organizations, as defined in these rules, shall submit charges on the proper claim form as specified in this rule. Copies of the claim forms and instruction for completion for each form shall be published separate from these rules in a manual distributed by the health care services division of the workers' compensation agency. Charges shall be submitted as follows:

- (a) A practitioner shall submit charges on the HCFA 1500 claim form.
 - (b) A doctor of dentistry shall submit charges on a standard dental claim form approved by the American dental association.
 - (c) A pharmacy, other than an inpatient hospital, shall submit charges on an invoice or a pharmacy universal claim form.
 - (d) A hospital-owned occupational, industrial clinic, or office practice shall submit charges on the HCFA 1500 claim form.
 - (e) A hospital billing for a practitioner service shall submit charges on a HCFA 1500 claim form.
 - (f) Ancillary service charges shall be submitted on the HCFA 1500 claim form for durable medical equipment and supplies, L-code procedures, ambulance, vision, and hearing services. Charges for home health services shall be submitted on the UB-92 claim form.
 - (g) A shoe supplier or wig supplier shall submit charges on an invoice.
- (2) A provider shall submit all bills to the carrier within 1 year of the date of service for consideration of payment, except in cases of litigation or subrogation.
- (3) A properly submitted bill shall include all of the following appropriate documentation:
- (a) A copy of the medical report for the initial visit.
 - (b) An updated progress report if treatment exceeds 60 days.
 - (c) A copy of the initial evaluation and a progress report every 30 days of physical treatment, physical or occupational therapy, or manipulation services.
 - (d) A copy of the operative report or office report if billing surgical procedure codes 10040-69990.
 - (e) A copy of the anesthesia record if billing anesthesia codes 00100-01999.
 - (f) A copy of the radiology report if submitting a bill for a radiology service accompanied by modifier - 26. The carrier shall only reimburse the radiologist for the written report, or professional component, upon receipt of a bill for the radiology procedure.
 - (g) A report describing the service if submitting a bill for a "by report" procedure.
 - (h) A copy of the medical report if a modifier is applied to a procedure code to explain unusual billing circumstances.

R 418.101002 Conversion factors for medical, surgical, and radiology procedure codes.

Rule 1002. (1) The workers' compensation agency shall determine the conversion factors for medical, surgical, and radiology procedures. The conversion factor shall be used by the workers' compensation agency for determining the maximum allowable payment for medical, surgical, and radiology procedures. The maximum allowable payment shall be determined by multiplying the appropriate conversion factor times the relative value unit assigned to a procedure. The relative value units are listed for the medicine, surgical, and radiology procedure codes in a manual separate from these rules. The manual shall be published annually by the workers' compensation agency using codes adopted from "Physicians' Current Procedural Terminology (CPT®)" as referenced in R 418.10107(a). The workers' compensation agency shall determine the relative values by using information found in the "Medicare RBRVS: The Physicians' Guide" as adopted by reference in R 418.10107(c).

(2) The conversion factor for medicine, radiology, and surgical procedures shall be \$47.77 for the year 2004 and shall be effective for dates of service on or after the effective date of these rules.

R 418.101017 Reimbursement for outpatient minor medical-surgical procedures performed in outpatient hospital setting when billed on UB-92.

Rule 1017. (1) Reimbursement for services listed on Table 10922 shall be made as follows:

(a) If the service occurs in the first 10 days of care beginning for a work injury, then the hospital shall be reimbursed by the ratio methodology.

(b) If the service occurs after the first 10 days, then the carrier shall reimburse the facility 60% of the maximum allowable payment for medical and surgical procedures and the technical component for radiology procedures.

(2) This rule shall not apply to services performed in a hospital-owned or hospital-system owned occupational or industrial clinic, as those services shall be considered practitioner services and shall be billed and paid as a practitioner service.

R 418.101101 Calculation and revision of payment ratio for Michigan hospitals.

Rule 1101. (1) The workers' compensation agency shall annually calculate and revise, under the provisions of 1969 PA 306, 24.201 et seq. MCL, the payment ratios for all Michigan hospitals. The calculation shall be made using a hospital's most recent fiscal year information that is submitted to the Michigan department of community health, medical services administration, preceding each annual calculation. The information used shall be that reported to the Michigan department of community health, medical services administration, on the hospital's statement of patient revenues and operating expenses, G2 worksheet. The workers' compensation agency shall complete the payment ratio calculation between September 1 and October 1, or the earliest date when the figures are available from Michigan department of community health and shall annually publish the hospital ratio calculations in a separate manual effective for dates of service on or after the effective date of these rules.

(2) The workers' compensation agency shall calculate a hospital's cost-to-charge ratio by dividing each hospital's total operating expenses by total patient revenues as reported on the hospital's statement of patient revenues and operating expenses, G2 worksheet.

R 418.101504 Orthotic and prosthetic codes and maximum allowable payments.

Rule 1504. The orthotic and prosthetic codes, the L-code procedures that have set fees are listed in this rule. All other L-code procedures shall be listed in Medicare's National Level II, HCPCS as adopted by reference in R 418.10107 and shall be reimbursed as a by report procedure. The maximum allowable fees for the L-code procedures are listed in the table in this rule:

	Abbreviated Orthotic and Prosthetic procedures (L-Codes) A complete listing of procedures and codes is found in HCPCS as adopted by reference in R 418.10107	
Code		Map
L0120	cervical, flexible, nonadjustable (foam collar)	\$17.29
L0130	cervical, flexible, thermoplastic collar, molded to patient	\$117.02
L0140	cervical, semi-rigid, adjustable (plastic collar)	\$42.00
L0150	cervical, semi-rigid, adjustable molded chin cup	\$74.60
L0160	cervical, semi-rigid, wire frame occipital/mandibular support	\$119.82
L0170	cervical collar, molded to patient model	\$796.31
L0172	cervical collar, semi-rigid, thermoplastic foam, two-piece	\$110.00
L0174	cervical collar, semi-rigid, thermoplastic foam, two-piece with	\$194.07
L0180	cervical, multiple post collar, occipital/mandibular supports,	\$314.44
L0190	cervical, multiple post collar, occipital/mandibular supports,	\$407.89

Code	Abbreviated Orthotic and Prosthetic procedures (L-Codes) A complete listing of procedures and codes is found in HCPSC as adopted by reference in R 418.10107	Map
L0200	cervical, multiple post collar, occipital/mandibular supports,	\$430.12
L0210	thoracic rib belt, custom fitted	\$28.85
L0220	thoracic rib belt, custom fabricated	\$90.00
L0500	lso, flexible (lumbo-sacral surgical support), custom fitted	\$99.00
L0510	lso, flexible (lumbo-sacral surgical support), custom	\$214.00
L0515	lso, flexible (lumbo-sacral surgical support), elastic type, w/	\$176.00
L0520	lso, anterior-posterior-lateral control (knight, wilcox types),	\$358.03
L0530	lso, anterior-posterior control (macausland type), with apron	\$359.95
L0540	lso, lumbar flexion (williams flexion type)	\$387.68
L0550	lso, anterior-posterior-lateral control, molded to patient	\$1,273.00
L0560	lso, ant.-posterior-lateral control, molded to patient model,	\$1,590.56
L0565	lso, anterior-posterior-lateral control, custom fitted	\$902.84
L0600	sacroiliac, flexible (sacroiliac surgical support), custom	\$60.09
L0610	sacroiliac, flexible (sacroiliac surgical support), custom	\$224.46
L0620	sacroiliac, semi-rigid, (goldthwaite, osgood types), with apron	\$367.86
L0700	ctlso, ant.-posterior-lateral control, molded to patient model,	\$1,779.93
L0710	ctlso, anterior-posterior-lateral-control, molded to patient	\$1,882.90
L0810	halo procedure, cervical halo incorporated into jacket vest	\$2,371.87
L0820	halo procedure, cervical halo incorporated into plaster body	\$1,876.79
L0830	halo procedure, cervical halo incorporated into milwaukee type	\$2,829.65
L0860	addition to halo procedure, magnetic resonance image compatible	\$960.00
L0960	torso support, postsurgical support, pads for postsurgical	\$60.01
L0970	tlso, corset front	\$99.30
L0972	lso, corset front	\$89.42
L0974	tlso, full corset	\$155.56
L0976	lso, full corset	\$138.95
L0978	axillary crutch extension	\$167.24
L0980	peroneal straps, pair	\$15.17
L0982	stocking supporter grips, set of four (4)	\$14.15
L0984	protective body sock, each	\$47.18
L1000	ctlso, inclusive of furnishing initial orthosis, including	\$1,763.98
L1010	addition to ctlso or scoliosis orthosis, axilla sling	\$58.31
L1020	addition to ctlso or scoliosis orthosis, kyphosis pad	\$75.11
L1025	addition to ctlso or scoliosis orthosis, kyphosis pad, floating	\$108.35
L1030	addition to ctlso or scoliosis orthosis, lumbar bolster pad	\$55.27
L1040	addition to ctlso or scoliosis orthosis, lumbar or lumbar rib	\$67.79
L1050	addition to ctlso or scoliosis orthosis, sternal pad	\$72.34
L1060	addition to ctlso or scoliosis orthosis, thoracic pad	\$83.09
L1070	addition to ctlso or scoliosis orthosis, trapezius sling	\$78.18
L1080	addition to ctlso or scoliosis orthosis, outrigger	\$48.08
L1085	addition to ctlso or scoliosis orthosis, outrigger, bilateral	\$133.74

Code	Abbreviated Orthotic and Prosthetic procedures (L-Codes) A complete listing of procedures and codes is found in HCPSC as adopted by reference in R 418.10107	Map
L1090	addition to ctlso or scoliosis orthosis, lumbar sling	\$79.64
L1100	addition to ctlso or scoliosis orthosis, ring flange, plastic	\$138.17
L1110	addition to ctlso or scoliosis orthosis, ring flange, plastic	\$221.90
L1120	addition to ctlso, scoliosis orthosis, cover for upright, each	\$34.51
L1200	tlso, inclusive of furnishing initial orthosis only	\$1,424.25
L1210	addition to tlso (low profile), lateral thoracic extension	\$227.34
L1220	addition to tlso (low profile), anterior thoracic extension	\$192.48
L1230	addition to tlso (low profile), milwaukee type superstructure	\$493.91
L1240	addition to tlso (low profile), lumbar derotation pad	\$67.46
L1250	addition to tlso (low profile), anterior asis pad	\$62.77
L1260	addition to tlso (low profile), anterior thoracic derotation	\$65.74
L1270	addition to tlso (low profile), abdominal pad	\$67.32
L1280	addition to tlso (low profile), rib gusset (elastic), each	\$74.95
L1290	addition to tlso (low profile), lateral trochanteric pad	\$68.29
L1300	other scoliosis procedure, body jacket molded to patient model	\$1,451.36
L1310	other scoliosis procedure, postoperative body jacket	\$1,493.46
L1499	spinal orthosis, not otherwise classisfied	BR
L1500	thkao, mobility frame (newington, parapodium types)	\$1,650.36
L1510	thkao, standing frame	\$828.93
L1520	thkao, swivel walker	\$1,486.64
L1685	ho, abduction control of hip joint, postop. Hip abduction	\$1,033.49
L1686	ho, abduction control of hip joint, postop. Hip abduction type,	\$653.04
L1800	ko, elastic with stays, prefabricated, includes fitting and	\$43.34
L1810	ko, elastic with joints, prefabricated, includes fitting and	\$81.00
L1815	ko, elastic or other elastic type material with condylar pad(s)	\$63.13
L1820	ko, elastic or other elastic type material with condylar pads	\$103.00
L1825	ko, elastic knee cap, prefabricated	\$35.83
L1830	ko, immobilizer, canvas longitudinal, prefabricated	\$57.01
L1832	ko, adjustable knee joints, positional orthosis, rigid support,	\$480.05
L1834	ko, without knee joint, rigid, custom fabricated	\$674.46
L1840	ko, derotation, medial-lateral, anterior cruciate ligament,	\$798.89
L1844	ko, single upright, thigh and calf, with adjustable flexion and	\$734.88
L1845	ko, double upright, thigh and calf, with adjustable flexion and	\$583.78
L1846	ko, double upright, thigh and calf, with adjustable flexion and	\$985.10
L1850	ko, swedish type, prefabricated	\$187.57
L1855	ko, molded plastic, thigh and calf sections, with double	\$954.77
L1858	ko, molded plastic, polycentric knee joints, pneumatic knee	\$1,221.93
L1860	ko, modification of supracondylar prosthetic socket, custom	\$1,383.48
L1870	ko, double upright, thigh and calf lacers, with knee joints,	\$909.28
L1880	ko, double upright, nonmolded thigh and calf cuffs/lacers with	\$550.82
L1900	afo, spring wire, dorsiflexion assist calf band, custom	\$234.40

Code	Abbreviated Orthotic and Prosthetic procedures (L-Codes)	
	A complete listing of procedures and codes is found in HCPCS as adopted by reference in R 418.10107	
		Map
L1902	afo, ankle gauntlet, prefabricated, includes fitting and	\$52.02
L1904	afo, molded ankle gauntlet, custom fabricated	\$333.00
L1906	afo, multi-ligamentous ankle support, prefabricated	\$86.17
L1910	afo, posterior, single bar, clasp attachment to shoe counter,	\$174.27
L1920	afo, single upright with static or adjustable stop (phelps or	\$286.29
L1930	afo, plastic, prefabricated	\$175.57
L1940	afo, plastic, custom fabricated	\$429.68
L1945	afo, molded to patient model, plastic, rigid anterior tibial	\$1,145.70
L1950	afo, spiral, (irm type), plastic, custom fabricated	\$647.18
L1960	afo, posterior solid ankle, plastic, custom fabricated	\$530.36
L1970	afo, plastic, with ankle joint, custom fabricated	\$618.24
L1980	afo, single upright free plantar dorsiflexion, solid stirrup,	\$318.88
L1990	afo, double upright free plantar dorsiflexion, solid stirrup,	\$459.09
L2000	kafo, single upright, free knee, free ankle, solid stirrup,	\$881.27
L2010	kafo, single upright, free ankle, solid stirrup, thigh and calf	\$803.35
L2020	kafo, double upright, free knee, free ankle, solid stirrup,	\$1,132.33
L2030	kafo, double upright, free ankle, solid stirrup, thigh and calf	\$880.19
L2036	kafo, full plastic, double upright, free knee, custom	\$2,022.35
L2037	kafo, full plastic, single upright, free knee, custom	\$1,447.16
L2038	kafo, full plastic, without knee joint, multiaxis ankle, custom	\$1,024.83
L2040	hkafo, torsion control, bilateral rotation straps, pelvic	\$154.26
L2050	hkafo, torsion control, bilateral torsion cables, hip joint,	\$413.88
L2060	hkafo, torsion control, bilateral torsion cables, ball bearing	\$504.44
L2070	hkafo, torsion control, unilateral rotation straps, pelvic	\$116.84
L2080	hkafo, torsion control, unilateral torsion cable, hip joint,	\$312.50
L2090	hkafo, torsion control, unilateral torsion cable, ball bearing	\$380.99
L2102	afo, fracture orthosis, tibial fracture cast orthosis, plaster	\$521.09
L2104	afo, fracture orthosis, tibial fracture cast orthosis,	\$619.81
L2106	afo, fracture orthosis, tibial fracture cast orthosis,	\$747.33
L2108	afo, fracture orthosis, tibial fracture cast orthosis, custom	\$1,170.03
L2112	afo, fracture orthosis, tibial fracture orthosis, soft,	\$304.03
L2114	afo, fracture orthosis, tibial fracture orthosis, semi-rigid,	\$440.38
L2116	afo, fracture orthosis, tibial fracture orthosis, rigid,	\$537.16
L2122	kafo, fracture orthosis, femoral fracture cast orthosis,	\$891.10
L2124	kafo, fracture orthosis, femoral fracture cast orthosis,	\$992.94
L2126	kafo, fracture orthosis, femoral fracture cast orthosis,	\$1,356.79
L2128	kafo, fracture orthosis, femoral fracture cast orthosis, custom	\$1,498.50
L2132	kafo, fracture orthosis, femoral fracture cast orthosis, soft,	\$525.66
L2134	kafo, fracture orthosis, femoral fracture cast orthosis, semi-	\$803.12
L2136	kafo, fracture orthosis, femoral fracture cast orthosis, rigid	\$878.87
L2180	addition to lower extremity fracture orthosis, plastic shoe	\$101.75

Code	Abbreviated Orthotic and Prosthetic procedures (L-Codes) A complete listing of procedures and codes is found in HCPCS as adopted by reference in R 418.10107	Map
L2182	addition to lower extremity fracture orthosis, drop lock knee	\$79.63
L2184	addition to lower extremity fracture orthosis, limited motion	\$107.63
L2186	add. To lower extremity fracture orthosis, adjustable motion	\$130.80
L2188	addition to lower extremity fracture orthosis, quadrilateral	\$260.22
L2190	addition to lower extremity fracture orthosis, waist belt	\$59.45
L2192	addition to lower extremity fracture orthosis, hip joint,	\$309.80
L2200	addition to lower extremity, limited ankle motion, each joint	\$41.30
L2210	addition to lower extremity, dorsiflexion assist (plantar	\$58.40
L2220	add. To lower extremity, dorsiflexion and plantar flexion	\$71.16
L2230	addition to lower extremity, split flat caliper stirrups and	\$66.67
L2240	addition to lower extremity, round caliper and plate attachment	\$72.66
L2250	add. To lower extremity, foot plate, molded to patient model,	\$308.74
L2260	addition to lower extremity, reinforced solid stirrup (scott-	\$174.17
L2265	addition to lower extremity, long tongue stirrup	\$102.31
L2270	addition to lower extremity, varus/valgus correction ("t")	\$46.67
L2275	add. To lower extremity, varus/valgus correction, plastic	\$103.91
L2280	addition to lower extremity, molded inner boot	\$393.43
L2300	addition to lower extremity, abduction bar (bilateral hip	\$233.93
L2310	addition to lower extremity, abduction bar, straight	\$106.88
L2320	addition to lower extremity, nonmolded lacer	\$178.76
L2330	addition to lower extremity, lacer molded to patient model	\$341.16
L2335	addition to lower extremity, anterior swing band	\$197.38
L2340	addition to lower extremity, pre-tibial shell, molded to	\$388.32
L2350	add. To lower extremity, prosthetic type, (bk) socket, molded	\$774.19
L2360	addition to lower extremity, extended steel shank	\$44.96
L2370	addition to lower extremity, patten bottom	\$223.04
L2375	addition to lower extremity, torsion control, ankle joint and	\$99.17
L2380	addition to lower extremity, torsion control, straight knee	\$106.97
L2385	addition to lower extremity, straight knee joint, heavy duty,	\$116.38
L2390	addition to lower extremity, offset knee joint, each joint	\$95.11
L2395	addition to lower extremity, offset knee joint, heavy duty,	\$101.95
L2397	addition to lower extremity orthosis, suspension sleeve	\$87.81
L2405	addition to knee joint, drop lock, each joint	\$44.22
L2415	addition to knee joint, cam lock (swiss, french, bail types),	\$159.56
L2425	addition to knee joint, disc or dial lock for adjustable knee	\$158.17
L2435	addition to knee joint, polycentric joint, each joint	\$143.80
L2492	addition to knee joint, lift loop for drop lock ring	\$88.60
L2500	add. To lower extremity, thigh/weight bearing, gluteal/ischial	\$274.10
L2510	addition to lower extremity, thigh/weight bearing, quadri-	\$631.12
L2520	add. To lower extremity, thigh/weight bearing, quadri-lateral	\$374.57
L2525	addition to lower extremity, thigh/weight bearing, ischial	\$873.78

Code	Abbreviated Orthotic and Prosthetic procedures (L-Codes) A complete listing of procedures and codes is found in HCPSC as adopted by reference in R 418.10107	Map
L2526	addition to lower extremity, thigh/weight bearing, ischial	\$595.12
L2530	addition to lower extremity, thigh/weight bearing, lacer,	\$204.14
L2540	addition to lower extremity, thigh/weight bearing, lacer,	\$367.33
L2550	addition to lower extremity, thigh/weight bearing, high roll	\$249.53
L2570	addition to lower extremity, pelvic control, hip joint, clevis	\$413.84
L2580	addition to lower extremity, pelvic control, pelvic sling	\$403.24
L2600	addition to lower extremity, pelvic control, hip joint, clevis	\$178.44
L2610	addition to lower extremity, pelvic control, hip joint, clevis,	\$211.00
L2620	addition to lower extremity, pelvic control, hip joint, heavy-	\$232.31
L2622	addition to lower extremity, pelvic control, hip joint,	\$266.44
L2624	addition to lower extremity, pelvic control, hip joint,	\$287.71
L2627	addition to lower extremity, pelvic control, plastic, molded to	\$1,489.46
L2628	addition to lower extremity, pelvic control, metal frame,	\$1,455.67
L2630	addition to lower extremity, pelvic control, band and belt,	\$215.15
L2640	addition to lower extremity, pelvic control, band and belt,	\$291.98
L2650	addition to lower extremity, pelvic and thoracic control,	\$104.27
L2660	addition to lower extremity, thoracic control, thoracic band	\$161.94
L2670	addition to lower extremity, thoracic control, paraspinal	\$148.21
L2680	addition to lower extremity, thoracic control, lateral support	\$135.96
L2750	addition to lower extremity orthosis, plating chrome or nickel,	\$72.62
L2760	addition to lower extremity orthosis, extension, per extension,	\$52.79
L2770	addition to lower extremity orthosis, any material, per bar or	\$53.64
L2780	addition to lower extremity orthosis, non-corrosive finish, per	\$58.80
L2785	addition to lower extremity orthosis, drop lock retainer, each	\$27.54
L2795	addition to lower extremity orthosis, knee control, full	\$57.13
L2800	addition to lower extremity orthosis, knee control, kneecap,	\$92.00
L2810	addition to lower extremity orthosis, knee control, condylar	\$67.86
L2820	addition to lower extremity orthosis, soft interface for molded	\$75.46
L2830	addition to lower extremity orthosis, soft interface for molded	\$81.62
L2840	addition to lower extremity orthosis, tibial length sock,	\$30.06
L2850	addition to lower extremity orthosis, femoral length sock,	\$42.15
L2999	unlisted procedures for lower extremity orthoses	BR
L3000	foot insert, removable, molded to patient model, "ucb" type,	\$170.00
L3001	foot insert, removable, molded to patient model, spenco, each	BR
L3002	foot insert, removable, molded to patient model, plastazote or	\$99.00
L3003	foot insert, removable, molded to patient model, silicone gel,	\$99.00
L3010	foot insert, removable, molded to patient model, longitudinal	\$135.00
L3020	foot insert, removable, molded to patient model,	\$99.00
L3030	foot insert, removable, formed to patient foot, each	BR
L3040	foot, arch support, removable, premolded, longitudinal, each	BR
L3050	foot, arch support, removable, premolded, metatarsal, each	BR

Code	Abbreviated Orthotic and Prosthetic procedures (L-Codes) A complete listing of procedures and codes is found in HCPSC as adopted by reference in R 418.10107	Map
L3060	foot, arch support, removable, premolded,	BR
L3070	foot, arch support, nonremovable, attached to shoe,	BR
L3080	foot, arch support, nonremovable, attached to shoe, metatarsal,	BR
L3090	foot, arch support, nonremovable, attached to shoe, longitudin	BR
L3100	hallus-valgus night dynamic splint	BR
L3150	foot, abduction rotation bar, without shoes	BR
L3215	orthopedic footwear, woman's shoes, oxford	\$94.18
L3216	orthopedic footwear, woman's shoes, depth inlay	\$108.00
L3217	orthopedic footwear, woman's shoes, hightop, depth inlay	\$127.00
L3219	orthopedic footwear, man's shoes, oxford	\$102.87
L3221	orthopedic footwear, man's shoes, depth inlay	\$120.00
L3222	orthopedic footwear, man's shoes, hightop, depth inlay	\$150.00
L3230	orthopedic footwear, custom shoes, depth inlay	\$425.00
L3250	orthopedic footwear, custom molded shoe, removable inner mold,	\$381.00
L3251	foot, shoe molded to patient model, silicone shoe, each	\$450.00
L3252	foot, shoe molded to patient model, plastazote (or similar),	\$300.00
L3253	foot, molded shoe plastazote (or similar), custom fitted, each	\$90.00
L3254	nonstandard size or width	\$38.00
L3257	orthopedic footwear, additional charge for split size	\$180.00
L3260	ambulatory surgical boot, each	\$60.00
L3265	plastazote sandal, each	\$35.00
L3300	lift, elevation, heel, tapered to metatarsals, per inch	\$42.00
L3310	lift, elevation, heel and sole, neoprene, per inch	\$40.00
L3320	lift, elevation, heel and sole, cork, per inch	BR
L3330	lift, elevation, metal extension (skate)	\$275.00
L3332	lift, elevation, inside shoe, tapered, up to one-half inch	\$18.00
L3334	lift, elevation, heel, per inch	\$25.00
L3340	heel wedge, sach	\$70.00
L3350	heel wedge	\$13.00
L3360	sole wedge, outside sole	\$15.00
L3370	sole wedge, between sole	\$22.00
L3380	clubfoot wedge	\$32.00
L3390	outflare wedge	\$15.00
L3400	metatarsal bar wedge, rocker	\$56.00
L3410	metatarsal bar wedge, between sole	\$64.00
L3420	full sole and heel wedge, between sole	\$32.00
L3430	heel, counter, plastic reinforced	\$44.00
L3440	heel, counter, leather reinforced	\$35.00
L3500	miscellaneous shoe addition, insole, leather	BR
L3510	miscellaneous shoe addition, insole, rubber	BR
L3520	miscellaneous shoe addition, insole, felt covered with leather	BR

Code	Abbreviated Orthotic and Prosthetic procedures (L-Codes) A complete listing of procedures and codes is found in HCPSC as adopted by reference in R 418.10107	Map
L3530	miscellaneous shoe addition, sole, half	BR
L3540	miscellaneous shoe addition, sole, full	BR
L3550	miscellaneous shoe addition, toe tap, standard	BR
L3560	miscellaneous shoe addition, toe tap, horseshoe	BR
L3570	miscellaneous shoe addition, special extension to instep	BR
L3580	miscellaneous shoe addition, convert instep to velcro closure	BR
L3590	miscellaneous shoe addition, convert firm shoe counter to soft	BR
L3595	miscellaneous shoe addition, march bar	BR
L3650	so, figure of eight design abduction restrainer	\$37.82
L3660	so, figure of eight design abduction restrainer, canvas and	\$65.54
L3670	so, acromio/clavicular (canvas and webbing type)	\$72.11
L3700	eo, elastic with stays	\$44.51
L3710	eo, elastic with metal joints	\$78.83
L3720	eo, double upright with forearm/arm cuffs, free motion	\$556.10
L3730	eo, double upright with forearm/arm cuffs, extension/flexion	\$766.44
L3740	eo, double upright with forearm/arm cuffs, adjustable position	\$908.66
L3800	whfo, short opponens, no attachments	\$140.00
L3805	whfo, long opponens, no attachment	\$256.00
L3810	whfo, addition to short and long opponens, thumb abduction	\$55.09
L3815	whfo, addition to short and long opponens, second m.p.	\$51.16
L3820	whfo, addition to short and long opponens, i.p. extension	\$87.86
L3825	whfo, addition to short and long opponens, m.p. extension stop	\$55.14
L3830	whfo, addition to short and long opponens, m.p. extension	\$71.98
L3835	whfo, addition to short and long opponens, m.p. spring	\$78.02
L3840	whfo, addition to short and long opponens, spring swivel thumb	\$53.45
L3845	whfo, addition to short and long opponens, thumb i.p. extension	\$69.02
L3850	whfo, addition to short and long opponens, action wrist, with	\$98.59
L3855	whfo, addition to short and long opponens, adjustable m.p.	\$99.38
L3860	whfo, add. To short and long opponens, adjustable m.p. flexion	\$136.03
L3900	whfo, dynamic flexor hinge, reciprocal wrist extension/flexion,	\$1,396.48
L3901	whfo, dynamic flexor hinge, reciprocal wrist extension/flexion,	\$1,481.20
L3902	whfo, external powered, compressed gas	\$2,137.19
L3904	whfo, external powered, electric	\$2,354.94
L3906	whfo, wrist gauntlet, custom fabricated	\$384.00
L3907	whfo, wrist gauntlet with thumb spica, custom fabricated	\$406.00
L3908	whfo, wrist extension control cock-up, prefabricated	\$38.21
L3910	whfo, swanson design	\$253.61
L3912	whfo, flexion glove with elastic finger control	\$69.00
L3914	whfo, wrist extension cock-up, prefabricated	\$62.00
L3916	whfo, wrist extension cock-up, with outrigger, prefabricated	\$109.00
L3918	whfo, knuckle bender, prefabricated	\$64.00

Code	Abbreviated Orthotic and Prosthetic procedures (L-Codes)	
	A complete listing of procedures and codes is found in HCPCS as adopted by reference in R 418.10107	
		Map
L3920	whfo, knuckle bender, with outrigger, prefabricated	\$90.00
L3922	whfo, knuckle bender, two segment to flex joints, prefabricated	\$75.02
L3924	whfo, oppenheimer, prefabricated	\$88.95
L3926	whfo, thomas suspension, prefabricated	\$71.96
L3928	whfo, finger extension, with clock spring, prefabricated	\$43.89
L3930	whfo, finger extension, with wrist support, prefabricated	\$50.94
L3932	whfo, safety pin, spring wire, prefabricated	\$38.12
L3934	whfo, safety pin, modified, prefabricated	\$40.91
L3936	whfo, palmer, prefabricated	\$75.73
L3938	whfo, dorsal wrist, prefabricated	\$74.25
L3940	whfo, dorsal wrist, with outrigger attachment, prefabricated	\$83.41
L3942	whfo, reverse knuckle bender, prefabricated	\$62.14
L3944	whfo, reverse knuckle bender, with outrigger, prefabricated	\$78.52
L3946	whfo, composite elastic, prefabricated	\$59.28
L3948	whfo, finger knuckle bender, prefabricated	\$46.85
L3950	whfo, combination oppenheimer, with knuckle bender and two	\$126.68
L3952	whfo, combination oppenheimer, with reverse knuckle and two	\$141.50
L3954	whfo, spreading hand, prefabricated	\$77.63
L3960	sewho, abduction positioning, airplane design, prefabricated	\$505.85
L3962	sewho, abduction positioning, erbs palsy design, prefabricated	\$457.52
L3963	sewho, molded shoulder, arm, forearm, and wrist with	\$1,063.83
L3964	seo, mobile arm support attached to wheelchair, balanced, adj.	\$501.52
L3965	seo, mobile arm support attached to wheelchair, balanced, adj.	\$772.40
L3966	seo, mobile arm support attached to wheelchair, balanced,	\$613.07
L3968	seo, mobile arm support attached to wheelchair, balanced and,	\$713.05
L3969	seo, mobile arm support, monosuspension arm and hand support,	\$563.81
L3970	seo, addition to mobile arm support, elevating proximal arm	\$193.93
L3972	seo, addition to mobile arm support, offset or lateral rocker	\$178.22
L3974	seo, addition to mobile arm support, supinator	\$109.98
L3980	upper extremity fracture orthosis, humeral, prefabricated	\$197.13
L3982	upper extremity fracture orthosis, radius/ulnar, prefabricated	\$238.05
L3984	upper extremity fracture orthosis, wrist, prefabricated	\$219.47
L3985	upper extrem. fracture orthosis, forearm, hand with wrist hinge,	\$496.93
L3986	upper extremity fracture orthosis, combination of humeral,	\$476.56
L3995	addition to upper extremity orthosis, sock, fracture or equal,	\$20.85
L3999	upper limb orthosis, not otherwise specified	BR
L4000	replace girdle for milwaukee orthosis	\$1,107.83
L4010	replace trilateral socket brim	\$942.50
L4020	replace quadrilateral socket brim, molded to patient model	\$748.37
L4030	replace quadrilateral socket brim, custom fitted	\$438.67
L4040	replace molded thigh lacer	\$354.66

Code	Abbreviated Orthotic and Prosthetic procedures (L-Codes) A complete listing of procedures and codes is found in HCPSC as adopted by reference in R 418.10107	Map
L4045	replace nonmolded thigh lacer	\$285.01
L4050	replace molded calf lacer	\$358.70
L4055	replace nonmolded calf lacer	\$232.27
L4060	replace high roll cuff	\$276.12
L4070	replace proximal and distal upright for kafo	\$244.52
L4080	replace metal bands kafo, proximal thigh	\$87.00
L4090	replace metal bands kafofo, calf or distal thigh	\$78.46
L4100	replace leather cuff kafo, proximal thigh	\$90.62
L4110	replace leather cuff kafofo, calf or distal thigh	\$73.68
L4130	replace pretibial shell	\$431.00
L4210	repair of orthotic device, repair or replace minor parts	BR
L4350	pneumatic ankle control splint (e.g., aircast), prefabricated	\$58.25
L4360	pneumatic walking splint (e.g., aircast), prefabricated	\$180.43
L4370	pneumatic full leg splint (e.g., aircast), prefabricated	\$123.02
L4380	pneumatic knee splint (e.g., aircast), prefabricated	\$69.99
L5000	partial foot, shoe insert with longitudinal arch, toe filler	\$400.00
L5010	partial foot, molded socket, ankle height, with toe filler	\$1,217.00
L5020	partial foot, molded socket, tibial tubercle height, with toe	\$2,226.00
L5050	ankle, symes, molded socket, sach foot	\$2,231.00
L5060	ankle, symes, metal frame, molded leather socket, articulated	\$2,691.00
L5100	below knee, molded socket, shin, sach foot	\$2,499.00
L5105	below knee, plastic socket, joints and thigh lacer, sach foot	\$3,215.69
L5150	knee disarticulation (or through knee), molded socket, external	\$3,599.00
L5160	knee disarticulation, (or through knee), molded socket, bent,	\$3,869.00
L5200	above knee, molded socket, single axis constant friction knee,	\$3,081.00
L5210	above knee, short prosthesis, no knee joint ("stubbies"), with,	\$2,332.00
L5220	above knee, short prosthesis, no knee joint ("stubbies"),	\$2,592.00
L5230	above knee, for proximal femoral focal deficiency, constant	\$4,198.00
L5250	hip dis-articulation, canadian type; molded socket, hip joint,	\$4,802.00
L5270	hip dis-articulation, tilt table type, molded socket, locking	\$4,760.75
L5280	hemipelvectomy, canadian type; molded socket, hip joint, single	\$4,713.13
L5301	below knee, molded socket, shin, sach foot, endoskeletal system	\$2,612.75
L5311	knee disarticulation, molded socket, enternal knee joints, shin	\$3,859.00
L5321	above knee, molded socket, open end, sach foot, endoskeletal,	\$3,815.00
L5331	hip disarticulation, canadian type, molded socket, endoskeletal	\$5,450.14
L5341	hemipelvectomy, canadian type, molded socket, endoskeletal, hip	\$5,823.31
L5400	immediate post-surgical or early fitting, application of	\$1,261.00
L5410	immediate post-surgical or early fitting, application of	\$333.00
L5420	immediate post-surgical or early fitting, application of	\$1,547.71
L5430	immediate post-surgical or early fitting, application of	\$420.12
L5450	immediate post-surgical or early fitting, application of non-	\$363.27

Code	Abbreviated Orthotic and Prosthetic procedures (L-Codes) A complete listing of procedures and codes is found in HCPCS as adopted by reference in R 418.10107	Map
L5460	immediate post-surgical or early fitting, application of non-	\$476.46
L5500	initial below knee "ptb" type socket, "usmc" or equal pylon, no	\$1,262.00
L5505	initial, above knee-knee dis-articulation, ischial level	\$1,685.00
L5510	preparatory, below knee "ptb" type socket, sach foot, plaster	\$1,535.00
L5520	preparatory, below knee "ptb" type socket, sach foot,	\$1,347.00
L5530	preparatory, below knee "ptb" type socket, no cover, sach foot,	\$1,752.00
L5535	preparatory, below knee "ptb" type socket, no cover, sach foot,	\$1,569.73
L5540	preparatory, below knee "ptb" type socket, no cover, sach foot,	\$1,765.00
L5570	preparatory, above knee-knee disarticulation, ischial	\$1,840.00
L5580	preparatory, above knee-knee disarticulation, ischial	\$2,352.00
L5585	preparatory, above knee-knee disarticulation, ischial	\$2,696.00
L5590	preparatory, above knee-knee disarticulation, ischial	\$2,225.22
L5595	preparatory, hip disarticulation-hemipelvectomy, pylo	\$3,727.16
L5600	preparatory, hip disarticulation-hemipelvectomy, pylon,	\$4,115.89
L5610	addition to lower extremity, endoskeletal above	\$1,916.47
L5611	addition to lower extremity, endoskeletal system above	\$1,491.40
L5613	addition to lower extremity, endoskeletal above, 4ar lin	\$2,268.50
L5614	addition to lower extremity, above knee--knee disarticula	\$3,508.49
L5616	addition to lower extremity, above knee, universal mult	\$1,257.18
L5618	addition to lower extremity, test socket, symes	\$654.32
L5620	addition to lower extremity, test socket, below knee	\$533.41
L5622	addition to lower extremity, test socket, knee disarticulation	\$729.81
L5624	addition to lower extremity, test socket, above knee	\$635.07
L5626	addition to lower extremity, test socket, hip disarticulation	\$777.71
L5628	addition to lower extremity, test socket, hemipelvectomy	\$775.86
L5629	addition to lower extremity, below knee, acrylic socket	\$220.64
L5630	addition to lower extremity, symes type, expandable wall socket	\$415.43
L5631	addition to lower extremity, above knee or	\$305.04
L5632	addition to lower extremity, symes type, "ptb" brim d	\$205.52
L5634	addition to lower extremity, symes type, posterior opening	\$281.57
L5636	addition to lower extremity, symes type, medial opening socket	\$235.86
L5637	addition to lower extremity, below knee, total contact	\$294.15
L5638	addition to lower extremity, below knee, leather socket	\$450.48
L5639	addition to lower extremity, below knee, wood socket	\$1,037.83
L5640	addition to lower extremity, knee disarticulation, leather	\$591.89
L5642	addition to lower extremity, above knee, leather socket	\$573.50
L5643	addition to lower extremity, hip disarticulation, flexible	\$1,440.73
L5644	addition to lower extremity, above knee, wood socket	\$546.73
L5645	addition to lower extremity, below knee, flexible inner socket,	\$748.26
L5646	addition to lower extremity, below knee, air cushion socket	\$507.18
L5647	addition to lower extremity, below knee, suction socket	\$736.32

Code	Abbreviated Orthotic and Prosthetic procedures (L-Codes) A complete listing of procedures and codes is found in HCPCS as adopted by reference in R 418.10107	Map
L5648	addition to lower extremity, above knee, air cushion socket	\$609.43
L5649	addition to lower extremity, ischial containment/narrow m-l	\$1,882.67
L5650	addition to lower extremity, total contact, above knee or knee	\$451.88
L5651	addition to lower extremity, above knee, flexible inner socket,	\$1,111.63
L5652	addition to lower extremity, suction suspension, above knee or	\$606.28
L5653	addition to lower extremity, knee disarticulation, expandable	\$661.74
L5654	addition to lower extremity, socket insert, symes (kemblo,	\$426.49
L5655	addition to lower extremity, socket insert, below knee (kemblo,	\$348.15
L5656	addition to lower extremity, socket insert, knee	\$343.38
L5658	addition to lower extremity, socket insert, above knee (kemblo,	\$336.56
L5660	addition to lower extremity, socket inset, symes, silicone gel	\$533.65
L5661	addition to lower extremity, socket insert, multidurometer,	\$563.29
L5662	addition to lower extremity, socket insert, below knee,	\$489.35
L5663	addition to lower extremity, socket insert, knee	\$637.86
L5664	addition to lower extremity, socket insert, above knee,	\$614.54
L5665	addition to lower extremity, socket insert, multidurometer,	\$473.96
L5666	addition to lower extremity, below knee, cuff suspension	\$64.80
L5668	addition to lower extremity, below knee, molded distal cushion	\$93.48
L5670	addition to lower extremity, below knee, molded supracondylar	\$300.76
L5672	addition to lower extremity, below knee, removable medial brim	\$276.02
L5674	addition to lower extremity, below knee, latex sleeve	\$48.81
L5675	addition to lower extremity, below knee, latex sleeve	\$66.16
L5676	addition to lower extremity, below knee, knee joints, single	\$335.44
L5677	addition to lower extremity, below knee, knee joints,	\$456.40
L5678	addition to lower extremity, below knee, joint covers, pair	\$30.33
L5680	addition to lower extremity, below knee, thigh lacer, nonmolded	\$281.74
L5682	addition to lower extremity, below knee, thigh lacer,	\$578.90
L5684	addition to lower extremity, below knee, fork strap	\$44.54
L5686	addition to lower extremity, below knee, back check (extension	\$47.29
L5688	addition to lower extremity, below knee, waist belt, webbing	\$56.53
L5690	addition to lower extremity, below knee, waist belt, padded and	\$90.58
L5692	addition to lower extremity, above knee, pelvic control belt,	\$123.00
L5694	addition to lower extremity, above knee, pelvic control belt,	\$167.93
L5695	addition to lower extremity, above knee, pelvic control, sleeve	\$150.96
L5696	addition to lower extremity, above knee or knee	\$171.28
L5697	addition to lower extremity, above knee or knee	\$74.32
L5698	addition to lower extremity, above knee or knee	\$96.56
L5699	all lower extremity prostheses, shoulder harness	\$142.40
L5700	replacement, socket, below knee, molded to patient model	\$2,534.95
L5701	replacement, socket, above knee/knee disarticulation including	\$3,147.36
L5702	replacement, socket, hip disarticulation, including hip joint,	\$4,021.66

Code	Abbreviated Orthotic and Prosthetic procedures (L-Codes) A complete listing of procedures and codes is found in HCPSC as adopted by reference in R 418.10107	Map
L5704	replacement, custom shaped protective cover, below knee	\$436.72
L5705	replacement, custom shaped protective cover, above knee	\$800.64
L5706	replacement, custom shaped protective cover, knee	\$780.94
L5707	replacement, custom shaped protective cover, hip	\$1,049.19
L5710	addition, exoskeletal knee-shin system, single axis, manual	\$332.93
L5711	addition, exoskeletal knee-shin system, single axis, manual lo	\$483.34
L5712	addition, exoskeletal knee-shin system, single axis, friction	\$398.87
L5714	addition, exoskeletal knee-shin system, single axis, variable	\$387.18
L5716	addition, exoskeletal knee-shin system, polycentric mechanical	\$674.65
L5718	addition, exoskeletal knee-shin system, polycentric, friction c	\$843.24
L5722	addition, exoskeletal knee-shin system, single axis, pneumatic	\$835.75
L5724	addition, exoskeletal knee-shin system, single axis, fluid	\$1,397.20
L5726	addition, exoskeletal knee-shin system, single axis, external	\$1,610.24
L5728	addition, exoskeletal knee-shin system, single axis, fluid	\$1,851.35
L5780	addition, exoskeletal knee-shin system, single axis,	\$1,059.79
L5785	addition, exoskeletal system, below knee, ultra-light material	\$480.92
L5790	addition, exoskeletal system, above knee, ultra-light material	\$665.57
L5795	addition, exoskeletal system, hip disarticulation, ultra-light	\$993.86
L5810	addition, endoskeletal knee-shin system, single axis, manual	\$450.67
L5811	addition, endoskeletal knee-shin system, single axis, manual	\$675.10
L5812	addition, endoskeletal knee-shin system, single axis friction	\$495.00
L5816	addition, endoskeletal knee-shin system, polycentric mechanical	\$710.00
L5818	addition, endoskeletal knee-shin system, polycentric, friction	\$888.94
L5822	addition, endoskeletal knee-shin system, single axis, pneumatic	\$1,576.30
L5824	addition, endoskeletal knee-shin system, single axis, fluid	\$1,400.00
L5828	addition, endoskeletal knee-shin system, single axis, fluid	\$2,263.39
L5830	addition, endoskeletal knee-shin system, single axis,	\$1,756.46
L5840	addition, endoskeletal knee-shin system, single axis,	\$1,980.00
L5850	addition, endoskeletal system, above knee or hip	\$118.42
L5855	addition, endoskeletal system, hip disarticulation, mechanical	\$285.88
L5910	addition, endoskeletal system, below knee, alignable system	\$335.26
L5920	addition, endoskeletal system, above knee or hip	\$491.14
L5925	addition, endoskeletal system, above knee, knee disarticulation	\$280.00
L5940	addition, endoskeletal system, below knee, ultra-light material	\$464.30
L5950	addition, endoskeletal system, above knee, ultra-light material	\$720.17
L5960	addition, endoskeletal system, hip disarticulation, ultra-light	\$892.37
L5962	addition, endoskeletal system, below knee, flexible protective	\$490.00
L5964	addition, endoskeletal system, above knee, flexible protective	\$798.56
L5966	addition endoskeletal system, hip disarticulation, flexible	\$1,035.31
L5970	all lower extremity prostheses, foot, external keel, sach foot	\$187.99
L5972	all lower extremity prostheses, flexible keel foot (safe, sten,	\$326.23

Code	Abbreviated Orthotic and Prosthetic procedures (L-Codes)	
	A complete listing of procedures and codes is found in HCPCS as adopted by reference in R 418.10107	
		Map
L5974	all lower extremity prostheses, foot, single axis ankle/foot	\$215.70
L5976	all lower extremity prostheses, energy storing foot (seattl	\$451.39
L5978	all lower extremity prostheses, foot, multiaxial ankle/foot	\$270.13
L5979	all lower extremity prostheses, multiaxial ankle/foot, dynami	\$2,090.00
L5980	all lower extremity prostheses, flex-foot system	\$2,917.79
L5981	all lower extremity prostheses, flex-walk system or equal	\$2,382.65
L5982	all exoskeletal lower extremity prostheses, axial rotation unit	\$535.13
L5984	all endoskeletal lower extremity prostheses, axial rotatio	\$527.33
L5986	all lower extremity prostheses, multiaxial rotation unit ("mcp	\$586.57
L5999	lower extremity prosthesis, not otherwise classified	BR
L6000	partial hand, robinids, thumb remaining (or equal)	\$1,229.90
L6010	partial hand, robinids, little and/or ring finger remaining	\$1,368.70
L6020	partial hand, robon aids, no finger remaining (or equal)	\$1,276.09
L6050	wrist disarticulation, molded socket, flexible elbow hinges	\$2,263.00
L6055	wrist disarticulation, molded socket with expandable interface,	\$2,450.75
L6100	below elbow, molded socket, flexible elbow hinge, triceps pad	\$2,229.00
L6110	below elbow, molded socket (muenster or northwestern suspension	\$2,284.04
L6120	below elbow, molded double wall split socket, step-up hinges,	\$2,202.07
L6130	below elbow, molded double wall split socket, stump activated	\$2,396.27
L6200	elbow disarticulation, molded socket, outside locking hinge,	\$2,982.00
L6205	elbow disarticulation, molded socket with expandable interface,	\$3,370.85
L6250	above elbow, molded double wall socket, internal locking elbow,	\$3,267.79
L6300	shoulder disarticulation, molded socket, shoulder bulkhead,	\$3,448.64
L6310	shoulder disarticulation, passive restoration (complete	\$2,809.00
L6320	shoulder disarticulation, passive restoration (shoulder cap	\$1,581.89
L6350	interscapular thoracic, molded socket, shoulder bulkhead,	\$3,625.73
L6360	interscapular thoracic, passive restoration (complete	\$2,948.39
L6370	interscapular thoracic, passive restoration (shoulder cap only)	\$1,880.09
L6380	immediate post-surgical or early fitting, application of	\$1,130.00
L6382	immediate post-surgical or early fitting, application of	\$1,520.00
L6384	immediate post-surgical or early fitting, application of	\$1,764.86
L6386	immediate post-surgical or early fitting, each additional cast	\$371.72
L6388	immediate post-surgical or early fitting, application of rigid	\$406.94
L6400	below elbow, molded socket, endoskeletal system, including soft	\$2,147.89
L6450	elbow disarticulation, molded socket, endoskeletal system,	\$2,853.88
L6500	above elbow, molded socket, endoskeletal system, including soft	\$2,856.22
L6550	shoulder disarticulation, molded socket, endoskeletal system,	\$3,529.76
L6570	interscapular thoracic, molded socket, endoskeletal system,	\$4,051.49
L6580	preparatory, wrist disarticulation or below elbow, single wall	\$1,446.95
L6582	preparatory, wrist disarticulation or below elbow, single wall	\$1,273.99
L6584	preparatory, elbow disarticulation or above elbow, single wa	\$1,894.64

Code	Abbreviated Orthotic and Prosthetic procedures (L-Codes) A complete listing of procedures and codes is found in HCPCS as adopted by reference in R 418.10107	Map
L6586	preparatory, elbow disarticulation or above elbow, single wa	\$1,734.41
L6588	preparatory, shoulder disarticulation or interscapul	\$2,616.40
L6590	preparatory, shoulder disarticulation or interscapul	\$2,435.32
L6600	upper extremity additions, polycentric hinge, pair	\$173.63
L6605	upper extremity additions, single pivot hinge, pair	\$171.44
L6610	upper extremity additions, flexible metal hinge, pair	\$154.12
L6615	upper extremity addition, disconnect locking wrist unit	\$160.80
L6616	upper extremity addition, additional disconnect insert f	\$60.04
L6620	upper extremity addition, flexion-friction wrist unit	\$280.66
L6623	upper extremity addition, spring assisted rotational wrist un	\$593.77
L6625	upper extremity addition, rotation wrist unit with cable lock	\$492.31
L6628	upper extremity addition, quick disconnect hook adapter, or equal	\$443.44
L6629	upper extremity addition, quick disconnect lamination coll	\$135.43
L6630	upper extremity addition, stainless steel, any wrist	\$529.70
L6632	upper extremity addition, latex suspension sleeve, each	\$60.14
L6635	upper extremity addition, lift assist for elbow	\$185.00
L6637	upper extremity addition, nudge control elbow lock	\$339.89
L6640	upper extremity addition, shoulder abduction joint, pair	\$259.30
L6641	upper extremity addition, excursion amplifier pulley type	\$148.50
L6642	upper extremity addition, excursion amplifier level type	\$201.28
L6645	upper extremity addition, shoulder flexion abduction join	\$295.49
L6650	upper extremity addition, shoulder universal joint, each	\$313.32
L6655	upper extremity addition, standard control cable, extra	\$69.53
L6660	upper extremity addition, heavy duty control cable	\$84.96
L6665	upper extremity addition, teflon, or equal cable lining	\$42.64
L6670	upper extremity addition, hook to hand, cable adapter	\$44.39
L6672	upper extremity addition, harness, chest or shoulder, saddle	\$156.07
L6675	upper extremity addition, harness, figure of eight type, for	\$111.16
L6676	upper extremity addition, harness, figure of ei	\$112.26
L6680	upper extremity addition, test socket, wrist disar	\$396.63
L6682	upper extremity addition, test socket, elbow disar	\$492.52
L6684	upper extremity addition, test socket, shoulder di	\$575.62
L6686	upper extremity addition, suction socket	\$546.47
L6687	upper extremity addition, frame type socket, b	\$485.00
L6688	upper extremity addition, frame type socket, a	\$490.36
L6689	upper extremity addition, frame type soc	\$623.71
L6690	upper extremity addition, frame type socket,	\$636.49
L6691	upper extremity addition, removable insert, each	\$375.00
L6692	upper extremity addition, silicone gel insert or equal, each	\$517.66
L6700	terminal device, hook dorrance, or equal, model #3	\$480.17
L6705	terminal device, hook dorrance, or equal, model #5	\$281.90

Code	Abbreviated Orthotic and Prosthetic procedures (L-Codes)	
	A complete listing of procedures and codes is found in HCPCS as adopted by reference in R 418.10107	
		Map
L6710	terminal device, hook, dorrance, or equal, model #5x	\$456.45
L6715	terminal device, hook, dorrance, or equal, model #5xa	\$435.00
L6720	terminal device, hook, dorrance, or equal, model #6	\$789.68
L6725	terminal device, hook, dorrance, or equal, model #7	\$465.24
L6730	terminal device, hook, dorrance, or equal, model #7lo	\$591.50
L6735	terminal device, hook, dorrance, or equal, model #8	\$275.82
L6740	terminal device, hook, dorrance, or equal, model #8x	\$359.60
L6745	terminal device, hook, dorrance, or equal, model #88x	\$329.03
L6750	terminal device, hook, dorrance, or equal, model #10p	\$325.22
L6755	terminal device, hook, dorrance, or equal, model #10x	\$324.30
L6765	terminal device, hook, dorrance, or equal, model #12p	\$338.82
L6770	terminal device, hook, dorrance, or equal, model #99x	\$326.63
L6775	terminal device, hook, dorrance, or equal, model #555	\$387.01
L6780	terminal device, hook, dorrance, or equal, model #ss555	\$413.69
L6790	terminal device, hook, accu hook or equal	\$418.27
L6795	terminal device, hook, 2 load or equal	\$1,145.60
L6800	terminal device, hook, aprl vc or equal	\$937.88
L6805	terminal device, modifier wrist flexion unit	\$314.94
L6806	terminal device, hook, trs grip, vc	\$1,219.79
L6809	terminal device, hook, trs super sport, passive	\$343.46
L6810	terminal device, pincher tool, otto bock or equal	\$172.66
L6825	terminal device, hand, dorrance, vo	\$955.02
L6830	terminal device, hand, aprl, vc	\$1,253.51
L6835	terminal device, hand, sierra, vo	\$1,091.93
L6840	terminal device, hand, becker imperial	\$758.59
L6845	terminal device, hand, becker lock grip	\$704.22
L6850	terminal device, hand, becker pylite	\$637.78
L6855	terminal device, hand, robinids, vo	\$811.19
L6860	terminal device, hand, robinids, vo soft	\$615.22
L6865	terminal device, hand, passive hand	\$301.42
L6875	terminal device, hand, bock vc	\$719.47
L6880	terminal device, hand, bock vo	\$466.76
L6890	terminal device, glove for above hands, production glove	\$190.00
L6895	terminal device, glove for above hands, custom glove	\$732.76
L6900	hand restoration (casts, shading and measuremen	\$1,989.50
L6905	hand restoration (casts, shading and measuremen	\$1,990.23
L6910	hand restoration (casts, shading and measuremen	\$2,001.88
L6915	hand restoration (shading and measuremen	\$774.57
L6920	wrist disarticulation, external power, self-su	\$6,434.34
L6925	wrist disarticulation, external power, self-su	\$6,874.02
L6930	below elbow, external power, self-suspended inner socket,	\$6,197.18

Code	Abbreviated Orthotic and Prosthetic procedures (L-Codes)	
	A complete listing of procedures and codes is found in HCPCS as adopted by reference in R 418.10107	
		Map
L6935	below elbow, external power, self-suspended inner socket,	\$6,841.72
L6940	elbow disarticulation, external power, molded inner socket,	\$8,002.61
L6945	elbow disarticulation, external power, molded inner socket,	\$8,927.91
L6950	above elbow, external power, molded inner socket, removable	\$7,987.74
L6955	above elbow, external power, molded inner socket, removable	\$9,263.27
L6960	shoulder disarticulation, external power, molded inner socket,	\$9,744.62
L6965	shoulder disarticulation, external power, molded inner	\$11,544.00
L6970	interscapular-thoracic, external power, molded inner	\$12,356.57
L6975	interscapular-thoracic, external power, molded inner	\$13,619.84
L7010	electronic hand, otto bock, steeper or equal, switch controlled	\$3,174.94
L7015	electronic hand, system teknik, variety village or equal, switc	\$5,611.94
L7020	electronic greifer, otto bock or equal, switch controlled	\$3,466.69
L7025	electronic hand, otto bock or equal, myoelectronically	\$3,428.95
L7030	electronic hand, system teknik, variety village or equal,	\$5,488.37
L7035	electronic greifer, otto bock or equal, myoelectronically	\$3,648.62
L7040	prehensile actuator, hosmer or equal, switch controlled	\$2,609.59
L7170	electronic elbow, boston or equal, switch controlled	\$5,427.59
L7180	electronic elbow, boston, utah or equal, myoelectro	\$29,891.81
L7260	electronic wrist rotator, otto bock or equal	\$1,821.71
L7261	electronic wrist rotator, for utah arm	\$3,610.95
L7266	servo control, steeper or equal	\$916.48
L7272	analogue control, unb or equal	\$1,812.94
L7274	proportional control, 12 volt, utah or equal	\$5,621.72
L7360	six volt battery, otto bock or equal, each	\$240.00
L7362	battery charger, six volt, otto bock or equal	\$242.00
L7364	twelve volt battery, utah or equal, each	\$392.77
L7366	battery charger, 12 volt, utah or equal	\$540.20
L7499	unlisted procedures for upper extremity prosthesis	BR
L7500	repair of prosthetic device, hourly rate	\$80.00
L7510	repair prosthetic device, repair or replace minor parts	BR
L8100	gradient compression stocking, below knee, medium weight, each	BR
L8110	gradient compression stocking, below knee, heavy weight, each	BR
L8120	gradient compression stocking, (linton or equal), each thigh	BR
L8130	gradient compression stocking, thigh length	BR
L8140	gradient compression stocking, thigh length	BR
L8150	gradient compression stocking, thigh length	BR
L8160	gradient compression stocking, full-length, each	BR
L8170	gradient compression stocking, full-length, chap style each	BR
L8180	gradient compression stocking,	BR
L8190	gradient compression stocking, waist length each	BR
L8200	gradient compression stocking, waist length, each	BR

Code	Abbreviated Orthotic and Prosthetic procedures (L-Codes) A complete listing of procedures and codes is found in HCPSC as adopted by reference in R 418.10107	Map
L8210	gradient compression stocking, custom-made	BR
L8220	gradient compression, elastic stocking, lymphedema	BR
L8300	truss, single with standard pad	\$58.56
L8310	truss, double with standard pads	\$92.46
L8320	truss, addition to standard pad, water pad	\$37.11
L8330	truss, addition to standard pad, scrotal pad	\$34.27
L8400	prosthetic sheath, below knee, each	\$23.02
L8410	prosthetic sheath, above knee, each	\$19.18
L8415	prosthetic sheath, upper limb, each	\$19.84
L8420	prosthetic sock, multiple ply, below knee, each	\$18.01
L8430	prosthetic sock, multiple ply, above knee, each	\$20.50
L8435	prosthetic sock, multiple ply, upper limb, each	\$19.46
L8440	prosthetic shrinker, below knee, each	\$38.71
L8460	prosthetic shrinker, above knee, each	\$61.69
L8465	prosthetic shrinker, upper limb, each	\$45.16
L8470	stump sock, single ply, fitting, below knee, each	\$6.18
L8480	stump sock, single ply, fitting, above knee, each	\$8.52
L8485	stump sock, single ply, fitting, upper limb, each	\$10.17
L8490	addition to prosthetic sheath/sock, air seal suction retent.	\$134.87
L8499	unlisted procedure for miscellaneous prosthetic services	BR
L8500	artificial larynx, any type	BR
L8501	tracheostomy speaking valve	BR
L8610	ocular	BR
L8699	prosthetic implant, not otherwise specified	BR

**OPINIONS OF THE
ATTORNEY GENERAL**

MCL 14.32 states in part:

“It shall be the duty of the attorney general, when required, to give his opinion upon all questions of law submitted to him by the legislature, or by either branch thereof, or by the governor, auditor general, treasurer or any other state officer”

MCL 24.208 states in part:

“Sec. 8. (1) The office of regulatory reform shall publish the Michigan register at least once each month. The Michigan register shall contain all of the following:

** * **

(j) Attorney general opinions. ”

OPINIONS OF THE ATTORNEY GENERAL

CHILDREN AND MINORS: Parent's access to minor's mental health
records

MENTAL HEALTH:

A parent to whom a court has granted joint legal custody, but not physical custody, of a minor child may consent to the release of, and have access to, the minor child's mental health records under section 748(6) of the Mental Health Code, unless in the written judgment of the holder of the records the disclosure would be detrimental to the minor child or others.

Opinion No. 7149

February 20, 2004

Honorable Stephen Adamini
State Representative
The Capitol
Lansing, MI 48913

You have asked whether a parent to whom a court has granted joint legal custody, but not physical custody, of a minor child, may consent to the release of, and have access to, the minor child's mental health records under section 748(6) of the Mental Health Code.

Your question seeks clarification of OAG, 2001-2002, No 7092, p 58 (October 16, 2001), which addressed whether section 10 of the Child Custody Act of 1970¹ requires disclosure of a minor's mental health records to the child's noncustodial parent

¹ Section 10 of the Child Custody Act, MCL 722.30, provides: "Notwithstanding any other provision of law, a parent shall not be denied access to records or information concerning his or her child because the parent is not the child's custodial parent, unless the parent is prohibited from having access to the records or information by a protective order. . . ."

without the consent of the custodial parent required by section 748(6) of the Mental Health Code. That opinion, however, did not consider any distinctions between physical and legal custody in concluding that section 10 of the Child Custody Act does not require disclosure of a minor's mental health services records to the child's noncustodial parent without the consent of the custodial parent required by section 748(6) of the Mental Health Code. You advise that mental health treatment providers seek further guidance in situations where parents share joint legal custody, but not physical custody.

The Mental Health Code requires that records be maintained for recipients of mental health services and that the material in those records "shall be confidential to the extent it is made confidential by section 748." MCL 330.1746(1). Section 748(1) reiterates this confidentiality requirement and provides that the information may be disclosed "only in the circumstances and under the conditions set forth in this section or section 748a."² MCL 330.1748(1). Section 748(6) of the Mental Health Code, which describes circumstances where confidential information may be disclosed, is the focus of your inquiry. Section 748(6) states:

Except as otherwise provided in subsection (4),^[3] if consent is obtained from the recipient, the recipient's guardian with authority to consent, *the parent with legal custody of a minor recipient*, or the court-appointed personal representative or executor of the estate of a deceased recipient, information made confidential by this section may be disclosed to all of the following:

(a) A provider of mental health services to the recipient.

(b) The recipient or his or her guardian or *the parent of a minor recipient* or another individual or agency unless in the written judgment of the holder the disclosure would be detrimental to the recipient or others. [MCL 330.1748(6); emphasis added.]

² Section 748a, MCL 330.1748a, deals with neglected and abused children and is not relevant to your question.

³ Subsection 4 deals with adult recipients and is not relevant to your question.

Thus, unless the holder of the record determines in writing that the disclosure would be detrimental to the recipient or others, section 748(6) authorizes disclosure of confidential information regarding a minor recipient if the parent with "legal custody" of the minor consents.

A cardinal rule of statutory construction is to ascertain and give effect to the intent of the Legislature. *Browder v Int'l Fidelity Ins Co*, 413 Mich 603, 611; 321 NW2d 668 (1982). Meaning and effect must be given to every word and sentence of a statute, *Robinson v Detroit*, 462 Mich 439, 459; 613 NW2d 307 (2000), so as to produce, if possible, a harmonious result. *Weems v Chrysler Corp*, 448 Mich 679, 699-700; 533 NW2d 287 (1995). Thus, it becomes necessary to determine the meaning of "legal custody" by giving effect to both words used together.

Although the Mental Health Code does not define the term "legal custody," guidance as to its meaning is found in the Child Custody Act. "Joint custody" is provided for and defined in subsections (1) and (7) respectively of section 6a of the Child Custody Act, which state in pertinent part:

(1) In custody disputes between parents, the parents shall be advised of joint custody. At the request of either parent, the court shall consider an award of joint custody In other cases joint custody may be considered by the court. The court shall determine whether joint custody is in the best interest of the child

* * *

(7) As used in this section, "joint custody" means an order of the court in which 1 or both of the following is specified:

(a) That the child shall reside alternately for specific periods with each of the parents.

(b) That the parents shall share decision-making authority as to the important decisions affecting the welfare of the child. [MCL 722.26a(1) and (7).]

In *Wellman v Wellman*, 203 Mich App 277, 279 (1994), the Court of Appeals analyzed this provision:

In substance, custody disputes between parents are governed by MCL 722.26a; MSA 25.312(6a). In particular, at the request of either parent, as here, the trial court "shall consider an award of joint custody, and shall state on the record the reasons for granting or denying a request." MCL 722.26a(1); MSA 25.312(6a)(1). As used in that section, the term "joint custody" means an order that specifies either that "the child shall reside alternately for specific periods with each of the parents," or that "the parents shall share decision-making authority as to the important decisions affecting the welfare of the child," or both. MCL 722.26a(7); MSA 25.312(6a)(7). The trial court must determine whether joint custody is in the best interest of the child by considering the factors enumerated in MCL 722.23; MSA 25.312(3), and by considering whether "the parents will be able to cooperate and generally agree concerning important decisions affecting the welfare of the child." MCL 722.26a(1)(a) and (b); MSA 25.312(6a)(1)(a) and (b).

The Court of Appeals went on to make a distinction between a grant of joint legal custody and a grant of physical custody under section 6a of the Child Custody Act:

Further, we are not convinced that it was inconsistent for the trial court to grant joint legal custody while denying joint physical custody. While the parties may have had prior disagreements over visitation, there was also evidence that it was in the children's best interests to maintain more contact with their father than one would normally expect if the mother had sole custody and the father had nothing more than visitation rights. [203 Mich App at 280.]

Thus, the type of joint custody defined in section 6a(7)(a) of the Child Custody Act, MCL 722.26a(7)(a), is generally referred to as joint *physical* custody. The type of joint custody defined in section 6a(7)(b) of the Child Custody Act is generally referred to as joint *legal* custody. Under the Child Custody Act, however, both types are referred to as "joint custody."⁴

Indeed, the Legislature has recognized the distinction between legal and physical custody in several other provisions of the Mental Health Code. See, e.g., MCL 330.748(5) (a parent "with legal and physical custody" of a minor recipient may consent to release of confidential records to an attorney

⁴ The legal forms approved by the State Court Administrative Office for use in matters involving the Friend of the Court also recognize a distinction between legal custody and physical custody. Form FOC 89, "ORDER REGARDING CUSTODY AND PARENTING TIME," identifies four different types of custody: 1) joint physical custody; 2) joint legal custody; 3) sole legal custody; or 4) sole physical custody. Form FOC 89 can be found at <http://courts.michigan.gov/scao/courtforms/domesticrelations/custody-parentingtime/foc89.pdf>.

for the recipient); MCL 330.1716(1)(c) (only a parent with "legal and physical custody" can consent to surgery); MCL 330.1717(1)(b) (only a parent with "legal and physical custody" can consent to electroconvulsive therapy).

Section 748(6) of the Mental Health Code authorizes disclosure of confidential information in a minor recipient's mental health records to a parent of the minor if the parent with "legal custody" of a minor gives consent and the disclosure would not be detrimental to the recipient or others according to the holder of the records. Significantly, in contrast to other sections of the Mental Health Code in which the Legislature has required both "legal and physical" custody, section 748(6) requires only "legal custody." Under the doctrine of statutory construction holding that the express mention in a statute of one thing implies the exclusion of other similar things,⁵ the Legislature's choice to require "legal" but not "physical" custody in section 748(6) must be given effect. Thus, a parent who has "legal" custody is authorized to consent to the release of his or her minor child's mental health records, regardless of whether he or she has physical custody.

This conclusion is also supported by sound public policy. A parent who is granted legal custody of a child "share[s] decision making authority as to the important decisions affecting the welfare of the child." MCL 722.26a(7)(b). Access to a minor child's mental health records may be critical in assuring that this decision-making authority is exercised knowledgably and in accordance with the best interests of the child.

⁵ Michigan recognizes the principle of *expressio unius est exclusio alterius*. *Stowers v Wolodzko*, 386 Mich 119, 133; 191 NW2d 355 (1971).

It is my opinion, therefore, that a parent to whom a court has granted joint legal custody, but not physical custody, of a minor child may consent to the release of, and have access to, the minor child's mental health records under section 748(6) of the Mental Health Code, unless in the written judgment of the holder of the records the disclosure would be detrimental to the minor child or others.

MIKE COX
Attorney General

OPINIONS OF THE ATTORNEY GENERAL

FIRE AUTHORITIES: Whether fire authorities may adopt
ordinances
MUNICIPAL EMERGENCY SERVICES
ACT:

ORDINANCES:

Fire authorities incorporated under the Municipal Emergency Services Act are not empowered to adopt ordinances.

Opinion No. 7150

March 1, 2004

Honorable Valde Garcia
State Senator
The Capitol
Lansing, MI 48909

Honorable Joe Hune
State Representative
The Capitol
Lansing, MI 48909

Honorable Chris Ward
State Representative
The Capitol
Lansing, MI 48909

You have asked if fire authorities incorporated under the Municipal Emergency Services Act (Act), 1988 PA 57, MCL 124.601 *et seq*, are empowered to adopt ordinances.

Generally, the title to an act is instructive as to the subjects the Legislature addresses within. See *Baker v State Land Office Bd*, 294 Mich 587, 597; 293 NW 763 (1940). The Act's title provides:

AN ACT to provide for the incorporation by 2 or more municipalities of certain authorities for the purpose of providing emergency services to municipalities; to provide for the powers and duties of authorities and of certain state and local agencies and officers; to guarantee certain labor contracts and employment rights in regard to the formation and reorganization of authorities; to provide for certain condemnation proceedings; to provide for the levy of property taxes for certain purposes; and to prescribe penalties and provide remedies.

Under the Act, two or more municipalities may incorporate an authority for the purpose of providing emergency services. MCL 124.602. The term "emergency services" is defined in section 1 of the Act as follows:

"Emergency services" means fire protection services, emergency medical services, police protection, and any other emergency health or safety services designated in the articles of incorporation of an authority. [MCL 124.601(b).]

An authority is created under the Act once the legislative bodies of the incorporating municipalities adopt the authority's articles of incorporation. It is "a body corporate" and "possesses all the powers necessary to carry out the purposes of its incorporation, and those incident to those purposes" of providing emergency services to municipalities. MCL 124.606. In addition to these general and incidental powers, the Legislature has enumerated in sections 7 through 12 of the Act, additional powers that are possessed by authorities incorporated under the Act. MCL 124.607-MCL 124.612.

A long-standing rule pertinent to your inquiry was summarized by the Michigan Supreme Court in the case of *Home Owners' Loan Corp v Detroit*, 292 Mich 511, 515; 290 NW 888 (1940), as follows:

"It is a general and undisputed proposition of law that a municipal corporation possesses and can exercise the following powers, and no others: first, those granted in express words; second, those necessarily or fairly implied in or incident to the powers expressly granted; third, those essential to the accomplishment of the declared objects and purposes of the corporation, --not simply convenient, but indispensable. Any fair, reasonable, substantial doubt concerning the existence of power is resolved by the courts against the corporation, and the power is denied."

Review of the general and incidental powers provided in section 6 of the Act, and the additional powers provided in sections 7 through 12, fails to disclose express legislative authorization for emergency services authorities to enact ordinances. Nor does a review of the statutory powers of emergency services authorities lead to the conclusion that the power to adopt ordinances is a power that is "necessarily or fairly implied in or incident to the powers expressly granted" or "essential" or

"indispensable" to the purposes for which emergency services authorities are incorporated. *Home Owners, supra*.

The Michigan Legislature has authorized authorities created under the Act to adopt "bylaws and rules of administration," MCL 124.609(a), and to enter into contracts that establish the charges for the emergency services provided by the authority, MCL 124.608. The Legislature, however, has neither expressly nor by fair implication granted authorities incorporated under the Act the power to enact ordinances.

The power to adopt ordinances is a governmental function conferred by the Legislature upon local governmental units for the governance of their local affairs. Included in a local government's ordinance authority is the power to enforce ordinances, generally by fines not to exceed \$500.00 or penalties of up to 90 days in jail. Examples of the Legislature having authorized local governmental units to adopt and enforce ordinances are contained in sections 3(k) and 4i of the Home Rule City Act, MCL 117.3(k) and MCL 117.4i; in Chap VI, sections 1 through 14 of the General Law Village Act, MCL 66.1-MCL 66.14; and in sections 1 through 7 of the Township Ordinances Act, MCL 41.181-MCL 41.187. The Legislature has not conferred similar power upon authorities incorporated under the Act.

Section 2(4) of the Act, MCL 124.602(4), does not alter this conclusion. This section provides:

The laws of this state applying to a municipality that becomes a part of an authority also shall continue to apply to the municipality and the authority after the municipality becomes a part of the authority. [MCL 124.602(4).]

In accordance with the rule of statutory construction that the language of a statute must be construed according to its plain and ordinary meaning, *Massey v Mandell*, 462 Mich 375, 380; 614 NW2d 70 (2000), this provision only assures the continued application of the laws of this State following the

incorporation of an emergency services authority. See also MCL 8.3a (stating the applicable rule of construction). It does not grant any additional powers to either municipalities or authorities. To construe this provision as vesting in an authority all the powers conferred by law on municipalities, including the police power to adopt ordinances that could subject violators to criminal penalties, would not be a "fair" or "reasonable" construction of the statute. *Home Owners, supra*.

It is my opinion, therefore, that fire authorities incorporated under the Municipal Emergency Services Act are not empowered to adopt ordinances.

MIKE COX
Attorney General

**ENROLLED SENATE AND HOUSE BILLS
SIGNED INTO LAW OR VETOED
(2004 SESSION)**

Mich. Const. Art. IV, §33 provides: “Every bill passed by the legislature shall be presented to the governor before it becomes law, and the governor shall have 14 days measured in hours and minutes from the time of presentation in which to consider it. If he approves, he shall within that time sign and file it with the secretary of state and it shall become law . . . If he does not approve, and the legislature has within that time finally adjourned the session at which the bill was passed, it shall not become law. If he disapproves . . . he shall return it within such 14-day period with his objections, to the house in which it originated.”

Mich. Const. Art. IV, §27, further provides: “No act shall take effect until the expiration of 90 days from the end of the session at which it was passed, but the legislature may give immediate effect to acts by a two-thirds vote of the members elected to and serving in each house.”

MCL 24.208 states in part:

“Sec. 8. (1) The office of regulatory reform shall publish the Michigan register at least once each month. The Michigan register shall contain all of the following:

* * *

(b) On a cumulative basis, the numbers and subject matter of the enrolled senate and house bills signed into law by the governor during the calendar year and the corresponding public act numbers.

(c) On a cumulative basis, the numbers and subject matter of the enrolled senate and house bills vetoed by the governor during the calendar year.”

**ENROLLED SENATE AND HOUSE BILLS
SIGNED INTO LAW OR VETOED
(2004 SESSION)**

The Table of Enrolled Senate and House Bills Signed Into Law Or Vetoed (2004 Session) is unchanged from the table appearing in Michigan Register 2004, MR 2.

MICHIGAN ADMINISTRATIVE CODE TABLE
(2004 SESSION)

MCL 24.208 states in part:

“Sec. 8. (1) The office of regulatory reform shall publish the Michigan register at least once each month. The Michigan register shall contain all of the following:

* * *

(i) Other official information considered necessary or appropriate by the office of regulatory reform.”

The following table cites administrative rules promulgated during the year 2000, and indicates the effect of these rules on the Michigan Administrative Code (1979 ed.).

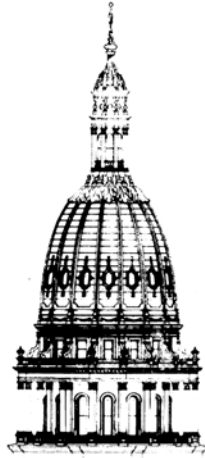
MICHIGAN ADMINISTRATIVE CODE TABLE
(2004 RULE FILINGS)

R Number	Action	2004 MR Issue	R Number	Action	2004 MR Issue	R Number	Action	2004 MR Issue
38.1205	*	1	408.30499	*	4	408.30809	A	4
390.901	N	4	408.30503	*	4	408.30810	A	4
390.903	N	4	408.30505	*	4	408.30811	A	4
390.905	N	4	408.30506	*	4	408.30812	A	4
390.907	N	4	408.30508	*	4	408.30813	A	4
390.909	N	4	408.30510	*	4	408.30814	A	4
390.913	N	4	408.30511	*	4	408.30815	*	4
390.915	N	4	408.30512	*	4	408.30816	R	4
408.30401	*	4	408.30513	*	4	408.30817	*	4
408.30404	*	4	408.30514	*	4	408.30818	*	4
408.30406	R	4	408.30515	*	4	408.30819	*	4
408.30408	*	4	408.30517	R	4	408.30820	*	4
408.30409	*	4	408.30518	*	4	408.30822	*	4
408.30410	*	4	408.30519	*	4	408.30823	A	4
408.30411	*	4	408.30520	*	4	408.30824	*	4
408.30412	*	4	408.30521	*	4	408.30826	*	4
408.30414	A	4	408.30522	*	4	408.30827	*	4
408.30415a	*	4	408.30523	R	4	408.30828	A	4
408.30416	A	4	408.30524	*	4	408.30829	A	4
408.30417	A	4	408.30526	*	4	408.30831	R	4
408.30418	A	4	408.30531	*	4	408.30835	*	4
408.30419	A	4	408.30534	*	4	408.30837	R	4
408.30421	A	4	408.30536	*	4	408.30843	R	4
408.30427	*	4	408.30537	*	4	408.30866	R	4
408.30429a	*	4	408.30539	A	4	408.30868	*	4
408.30437	*	4	408.30540	A	4	408.30869	*	4
408.30443	*	4	408.30541	A	4	418.10106	*	4
408.30444	A	4	408.30542	A	4	418.10107	*	4
408.30445	*	4	408.30543	A	4	418.10109	*	4
408.30447	*	4	408.30544	A	4	418.10202	*	4
408.30448d	*	4	408.30545	A	4	418.10214	*	4
408.30449	*	4	408.30546	A	4	418.10901	*	4
408.30458	*	4	408.30547	A	4	418.101002	*	4
408.30461	R	4	408.30801	*	4	418.101017	*	4
408.30475	*	4	408.30807	*	4	418.101101	*	4
408.30495a	R	4	408.30808	A	4	418.101504	*	4

(* Amendment to Rule, **A** Added Rule, **N** New Rule, **R** Rescinded Rule)

R Number	Action	2004 MR Issue
460.701	N	3
460.702	N	3
460.703	N	3
460.721	N	3
460.722	N	3
460.723	N	3
460.724	N	3
460.731	N	3
460.732	N	3
460.733	N	3
460.734	N	3
460.741	N	3
460.742	N	3
460.743	N	3
460.744	N	3
460.745	N	3
460.746	N	3
460.747	N	3
460.748	N	3
460.751	N	3
460.752	N	3

(* Amendment to Rule, **A** Added Rule, **N** New Rule, **R** Rescinded Rule)



**CUMULATIVE
INDEX**

A

**ATTORNEY GENERAL, DEPARTMENT OF
Opinions**

Children and Minors, Mental Health
OAG 7149 (2004-4)

Fire Authorities, Municipal Emergency Services Act, Ordinances
OAG 7150 (2004-4)

Mineral Rights, Marketable Record Title Act, Records and Recordation
OAG 7148 (2004-2)

E

**ENVIRONMENTAL QUALITY, DEPARTMENT OF
Air Quality Division**

Air Pollution Control, R 336.1801 - 336.1817 (*2004-3)
Notice of Public Hearing – (*2004-3)

L

**LABOR AND ECONOMIC GROWTH, DEPARTMENT OF
Bureau of Commercial Services**

Cosmetology, R 338.2101 - 338.2195 (*2004-2)
Notice of Public Hearing – (*2004-2)

Bureau of Construction Codes and Fire Safety

Construction Code - Part 4. Building Code, R 408.30401 - 408.30538 (2004-4)

Construction Code - Part 7. Plumbing Code, R 408.30701 - 408.30796 (2004-1)

Correction of Obvious Error – (2004-1)

Construction Code - Part 8. Electrical Code, R 408.30801 - 408.30880 (2004-4)

Office of Financial and Insurance Services

Standards for Safeguarding Customer Information, R 500.402 - 500.637 (*2004-2)

Notice of Public Hearing – (*2004-2)

Public Service Commission

Service Quality and Reliability Standards for Electric Distribution Systems, R 460.701 - 460.752 (2004-3)

Workers' Compensation Agency

Worker's Compensation Health Care Services, R 418.10101 - 418.101504 (2004-4)

M

MANAGEMENT AND BUDGET, DEPARTMENT OF

Public School Employees' Retirement Board

General Rules, R 38.1101 - 38.1207 (2004-1)

T

TREASURY, DEPARTMENT OF

Michigan Higher Education Assistance Authority

Nursing Scholarship Rules, R 390.901 - 390.915 (2004-4)